Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081619\
Data File : VN057335.D
Acq On : 15 Aug 2019 16:41
Operator : JC/SP
Sample : K4264-14
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** REACTOR-3-G3-(2)

Quant Time: Aug 16 02:02:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.66 | 168 | 1087502 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 8.58 | 114 | 1524674 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 11.40 | 117 | 1270217 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152 | 320896 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.02 | 65 | 514227 | 43.50 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 87.00% | | | | |
| 35) Dibromofluoromethane | 7.58 | 113 | 455416 | 45.57 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 91.14% | | | | |
| 50) Toluene-d8 | 10.08 | 98 | 1771550 | 48.46 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.92% | | | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 468878 | 36.30 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 72.60% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 8) Diethyl Ether | 3.41 | 74 | 2333 | 0.380 | ug/l | | 77 |
| 11) Tert butyl alcohol | 4.73 | 59 | 2987 | 1.777 | ug/l | # | 73 |
| 16) Acetone | 3.81 | 43 | 18305 | 4.463 | ug/l | | 90 |
| 18) Methyl Acetate | 4.31 | 43 | 32688 | 0.592 | ug/l | | 97 |
| 20) Methylene Chloride | 4.54 | 84 | 9890 | 0.862 | ug/l | | 92 |
| 25) 2-Butanone | 6.84 | 43 | 2886 | 0.486 | ug/l | # | 48 |
| 29) Tetrahydrofuran | 7.21 | 42 | 1128 | 0.300 | ug/l | # | 43 |
| 31) Cyclohexane | 7.66 | 56 | 15881 | 0.986 | ug/l | # | 1 |
| 36) 1,1-Dichloropropene | 7.66 | 75 | 66936 | 4.972 | ug/l | # | 47 |
| 38) Carbon Tetrachloride | 7.66 | 117 | 94352 | 6.746 | ug/l | # | 16 |
| 43) Isopropyl Acetate | 8.16 | 43 | 278582 | 12.981 | ug/l | # | 75 |
| 45) 1,2-Dichloropropane | 9.26 | 63 | 2887 | 0.272 | ug/l | # | 44 |
| 48) Methyl methacrylate | 9.17 | 41 | 8433 | 0.929 | ug/l | # | 11 |
| 49) 1,4-Dioxane | 9.27 | 88 | 457 | 2.393 | ug/l | # | 1 |
| 51) 4-Methyl-2-Pentanone | 9.98 | 43 | 8418 | 0.740 | ug/l | | 97 |
| 54) cis-1,3-Dichloropropene | 9.90 | 75 | 73071 | 4.367 | ug/l | # | 58 |
| 57) 1,3-Dichloropropane | 10.76 | 76 | 11358 | 0.675 | ug/l | # | 43 |
| 59) 2-Hexanone | 10.76 | 43 | 143027 | 17.490 | ug/l | # | 49 |
| 71) Bromoform | 12.40 | 173 | 3905 | 0.499 | ug/l | # | 1 |
| 73) Isopropylbenzene | 12.24 | 105 | 219 | Below Cal | | # | 49 |
| 74) N-amyl acetate | 12.03 | 43 | 3692 | 0.396 | ug/l | # | 45 |
| 75) 1,1,2,2-Tetrachloroethane | 12.41 | 83 | 29 | Below Cal | | # | 26 |
| 76) 1,2,3-Trichloropropane | 12.40 | 75 | 214410 | 33.311 | ug/l | # | 100 |
| 77) Bromobenzene | 12.51 | 156 | 60 | Below Cal | | # | 63 |
| 79) 2-Chlorotoluene | 12.68 | 91 | 142 | Below Cal | | # | 39 |
| 80) 1,3,5-Trimethylbenzene | 12.73 | 105 | 1901 | Below Cal | | | 88 |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75 | 214410 | 81.474 | ug/l | # | 15 |
| 83) tert-Butylbenzene | 12.99 | 119 | 162 | Below Cal | | # | 28 |
| 85) sec-Butylbenzene | 13.17 | 105 | 433 | Below Cal | | # | 55 |
| 93) 1,2,4-Trichlorobenzene | 14.90 | 180 | 167 | 5.391 | ug/l | # | 67 |
| 95) Naphthalene | 15.13 | 128 | 210 | Below Cal | | # | 69 |
| 96) 1,2,3-Trichlorobenzene | 15.30 | 180 | 182 | Below Cal | | # | 72 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081619\
Data File : VN057335.D
Acq On : 15 Aug 2019 16:41
Operator : JC/SP
Sample : K4264-14
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
REACTOR-3-G3-(2)

Quant Time: Aug 16 02:02:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

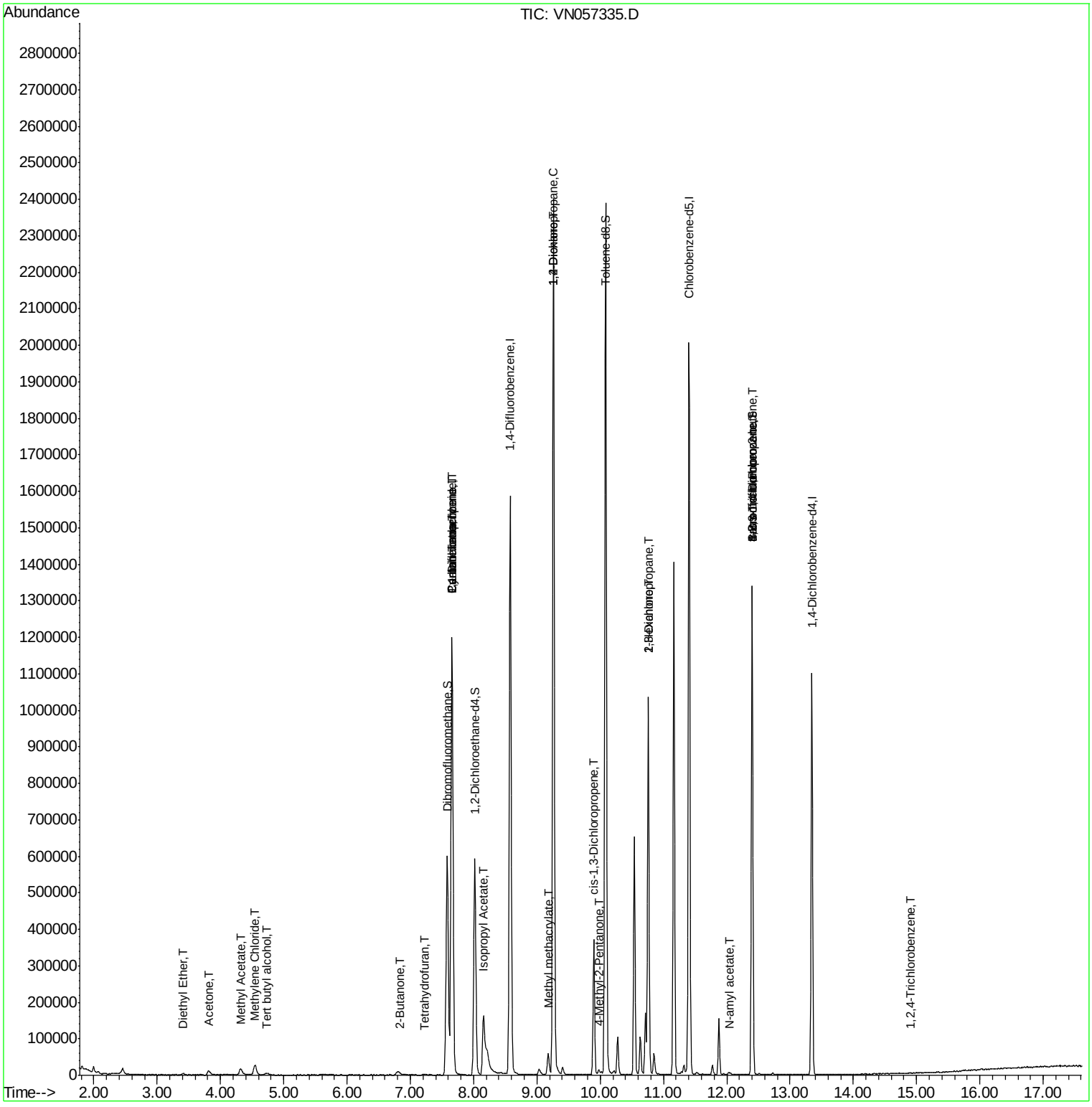
(#) = qualifier out of range (m) = manual integration (+) = signals summed

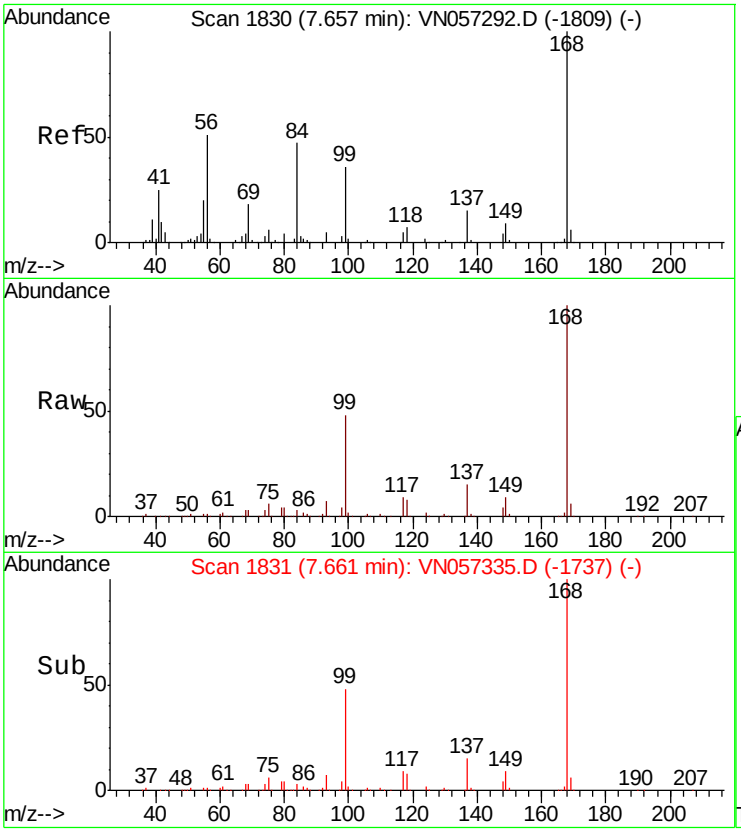
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081619\
Data File : VN057335.D
Acq On : 15 Aug 2019 16:41
Operator : JC/SP
Sample : K4264-14
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
REACTOR-3-G3-(2)

Quant Time: Aug 16 02:02:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration



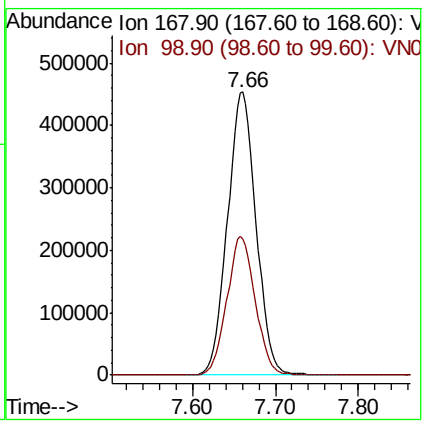


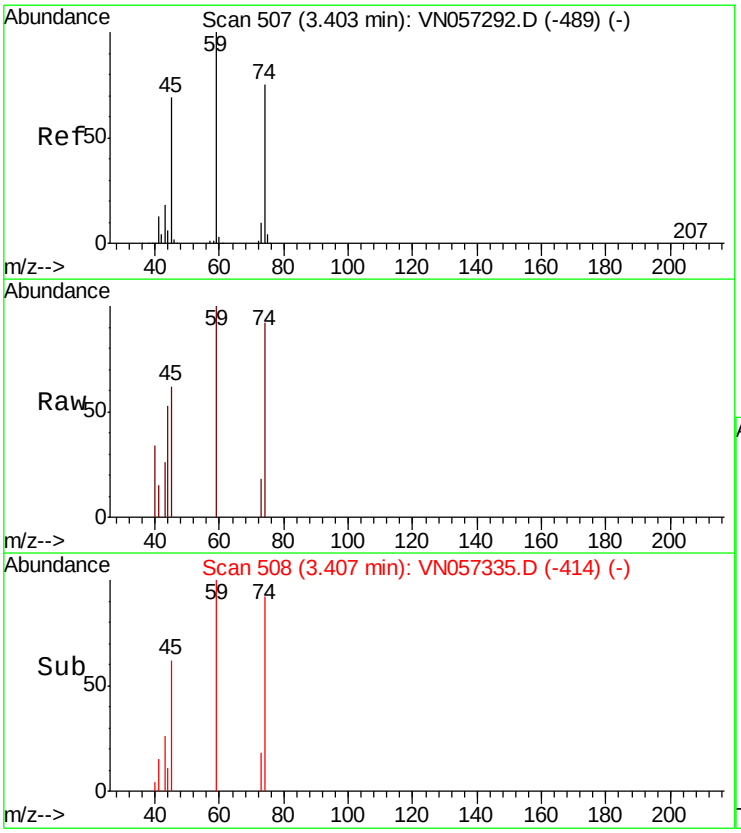

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

**Instrument :**
MSVOA_N
**ClientSampleId :**
REACTOR-3-G3-(2)

Tgt Ion:168 Resp: 1087502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 48.3 | 39.4 | 59.2 |

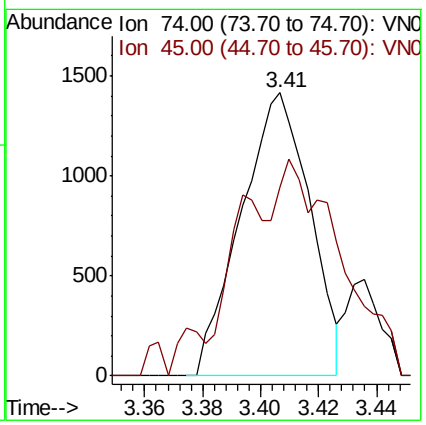


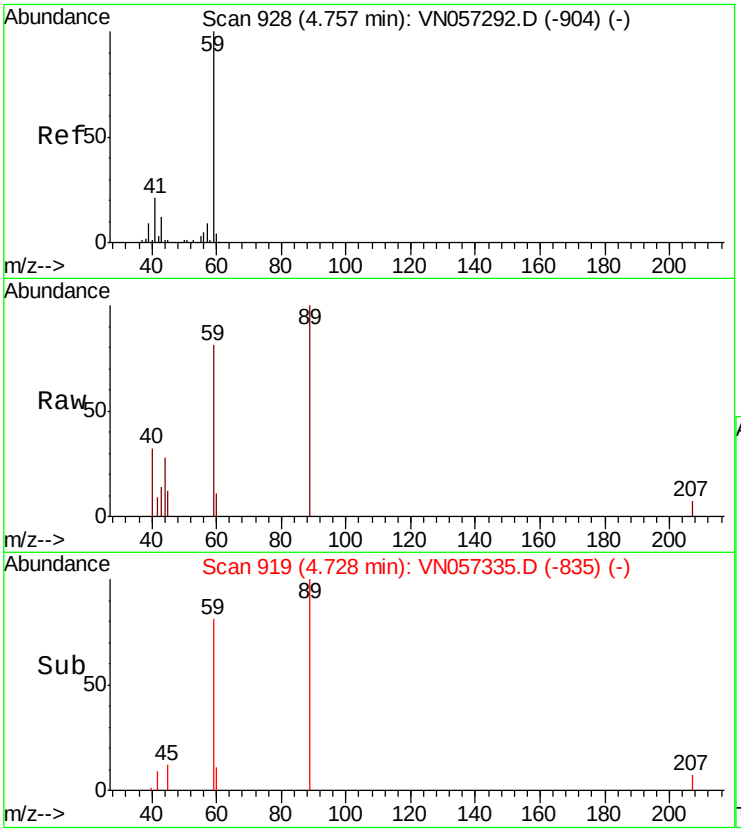




#8
Diethyl Ether
Concen: 0.380 ug/l
RT: 3.41 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

Tgt Ion: 74 Resp: 2333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 69.4 | 45.9 | 137.6 |



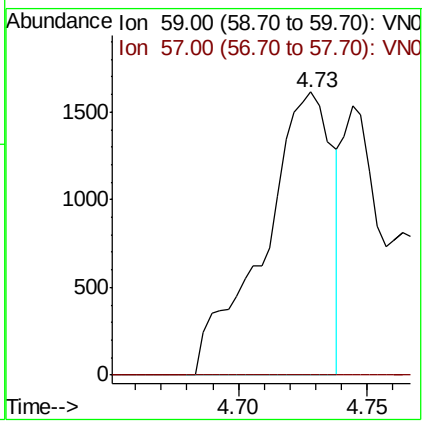


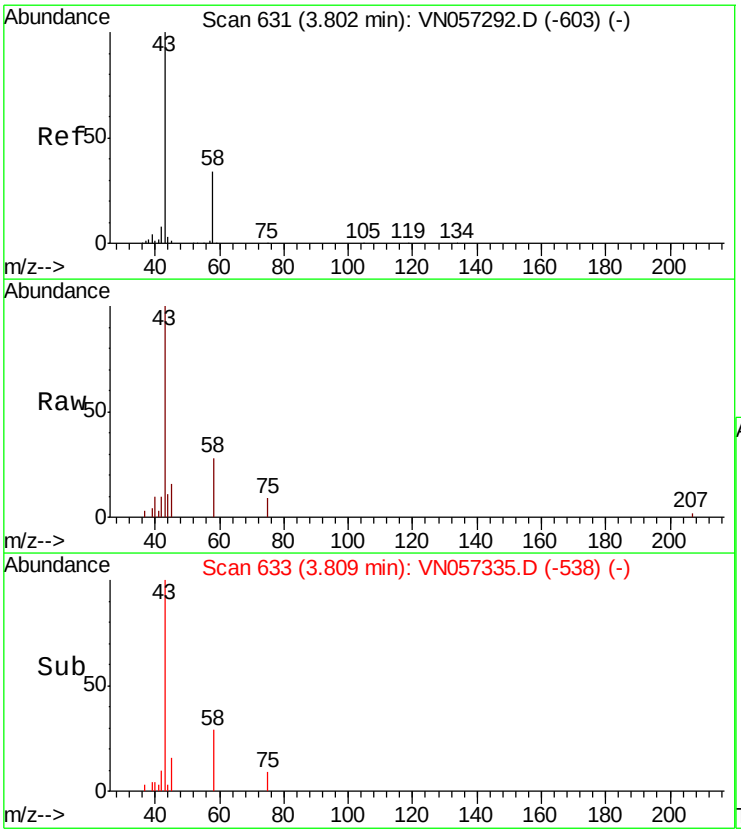

#11
Tert butyl alcohol
Concen: 1.777 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.03 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

**Instrument :**
MSVOA_N
**ClientSampleId :**
REACTOR-3-G3-(2)

Tgt Ion: 59 Resp: 2987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.2 | 12.2# |

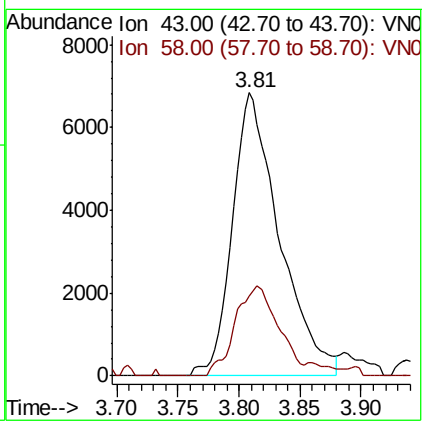


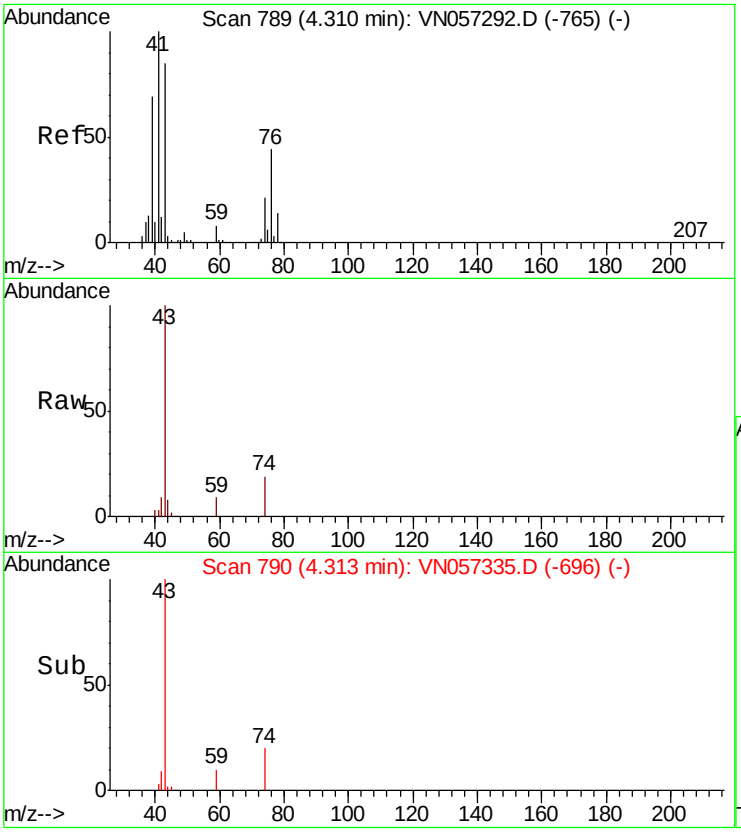




#16
Acetone
Concen: 4.463 ug/l
RT: 3.81 min Scan# 633
Delta R.T. 0.01 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

Tgt Ion: 43 Resp: 18305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.3 | 27.0 | 40.6 |



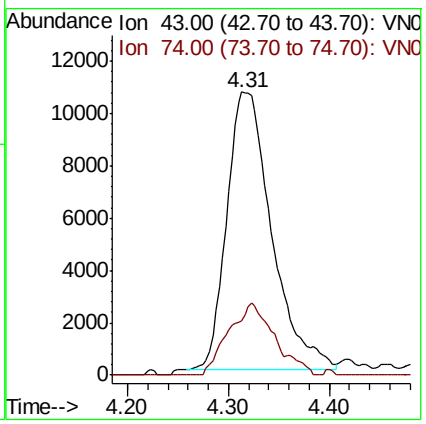


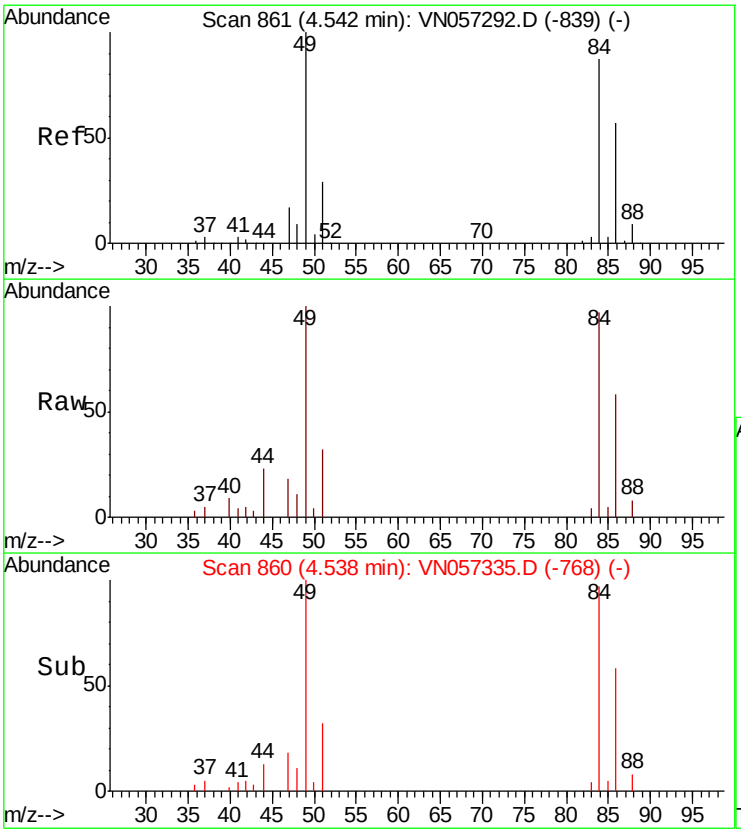

#18
Methyl Acetate
Concen: 0.592 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

**Instrument :**
MSVOA_N
**ClientSampleId :**
REACTOR-3-G3-(2)

Tgt Ion: 43 Resp: 32688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 26.6 | 20.2 | 30.2 |

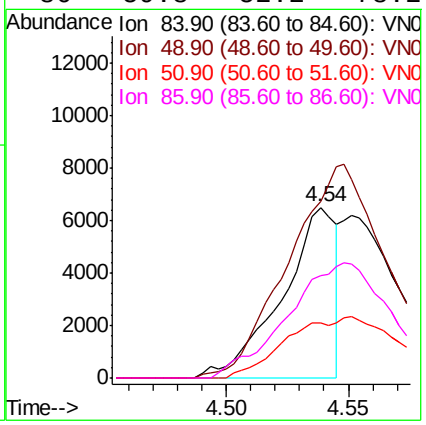


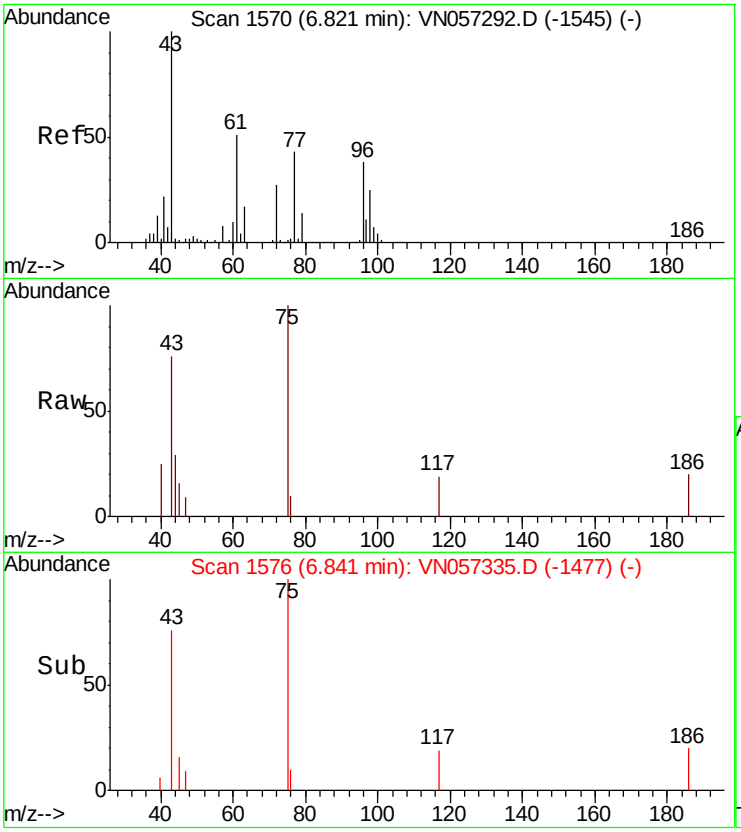




#20
Methylene Chloride
Concen: 0.862 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

Tgt Ion: 84 Resp: 9890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 103.6 | 92.0 | 138.0 |
| 51 | 32.7 | 27.1 | 40.7 |
| 86 | 59.8 | 52.2 | 78.2 |



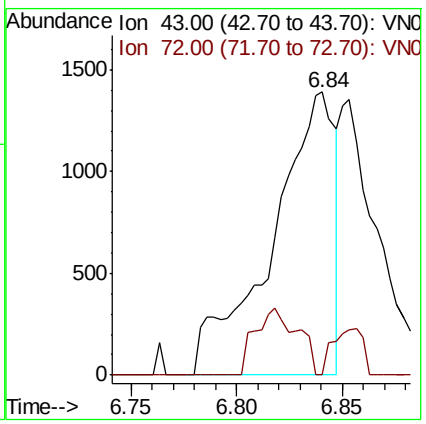


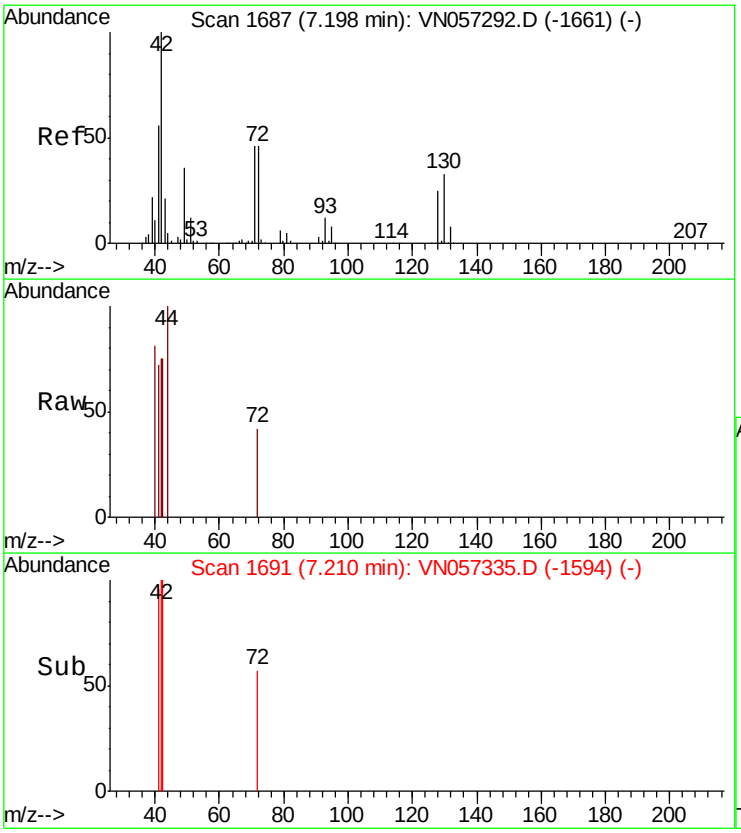

#25
2-Butanone
Concen: 0.486 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.02 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

**Instrument :** MSVOA_N
**ClientSampleId :** REACTOR-3-G3-(2)

Tgt Ion: 43 Resp: 2886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.0 | 21.5 | 32.3# |

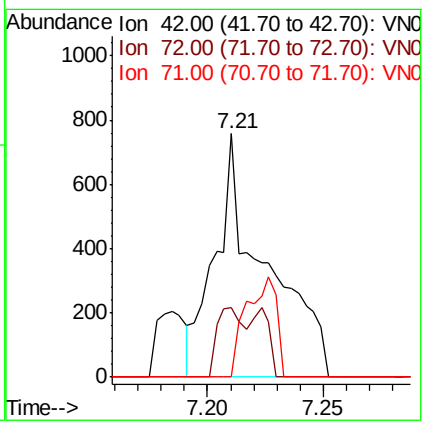


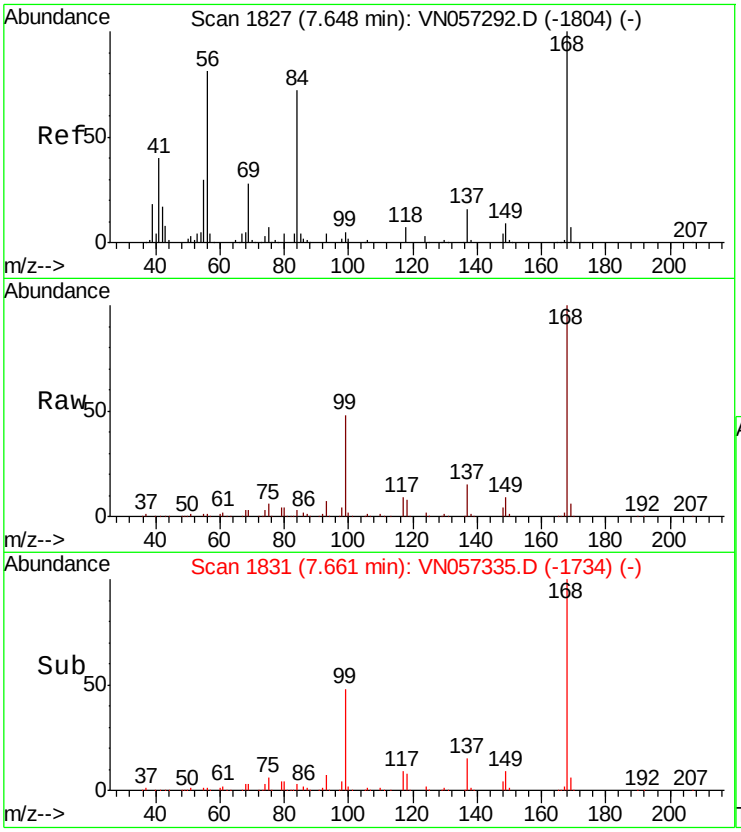




#29
Tetrahydrofuran
Concen: 0.300 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

Tgt Ion: 42 Resp: 1128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 15.7 | 37.8 | 56.6# |
| 71 | 0.0 | 35.7 | 53.5# |



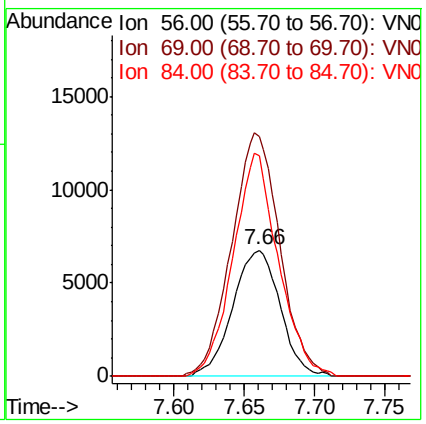


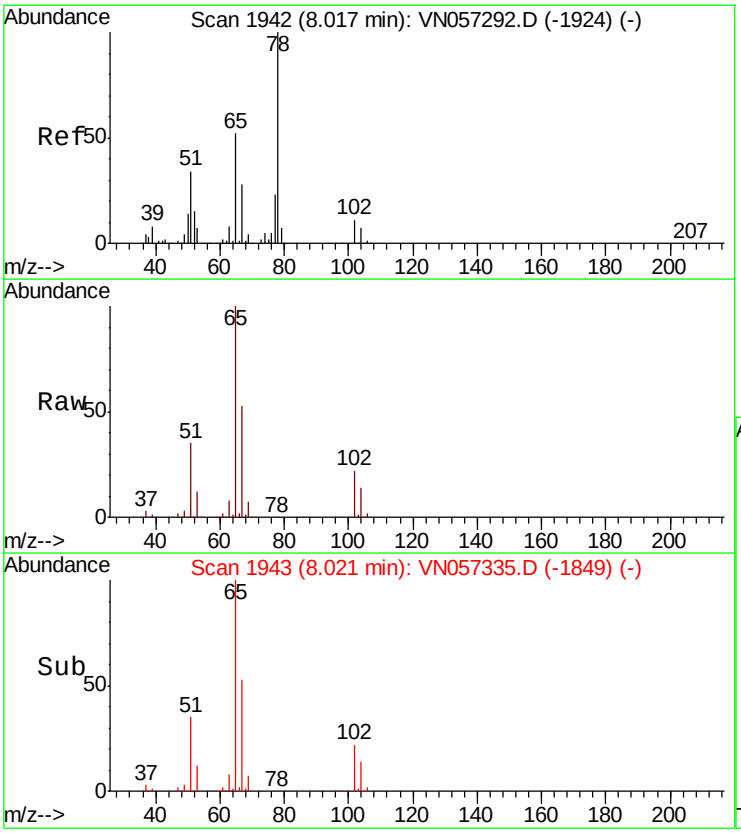

#31
Cyclohexane
Concen: 0.986 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

**Instrument :**
MSVOA_N
**ClientSampleId :**
REACTOR-3-G3-(2)

Tgt Ion: 56 Resp: 15881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 190.1 | 27.3 | 40.9# |
| 84 | 174.8 | 71.0 | 106.6# |

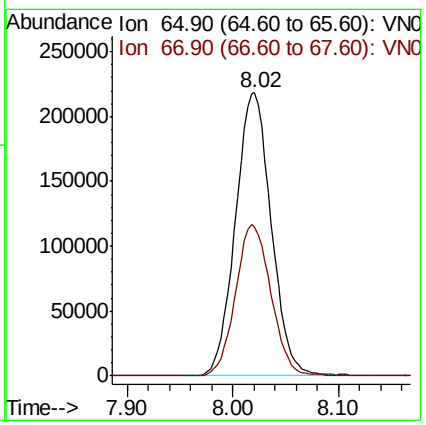


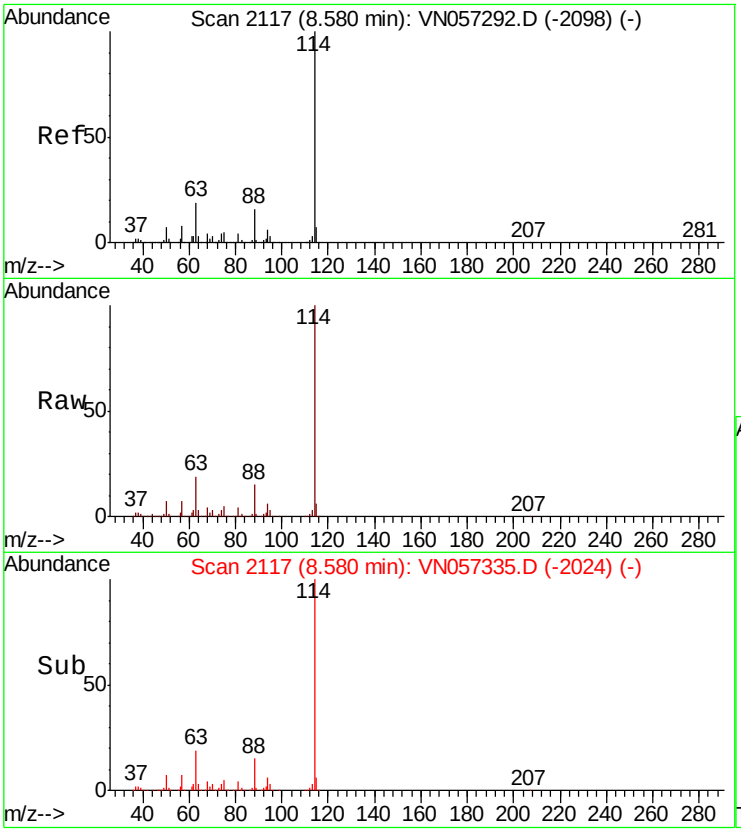




#33
1,2-Dichloroethane-d4
Concen: 43.496 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

Tgt Ion: 65 Resp: 514227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.9 | 0.0 | 107.4 |



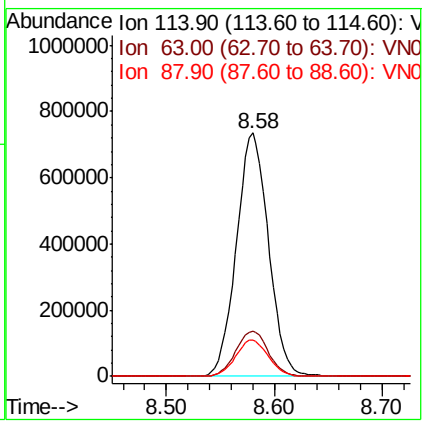


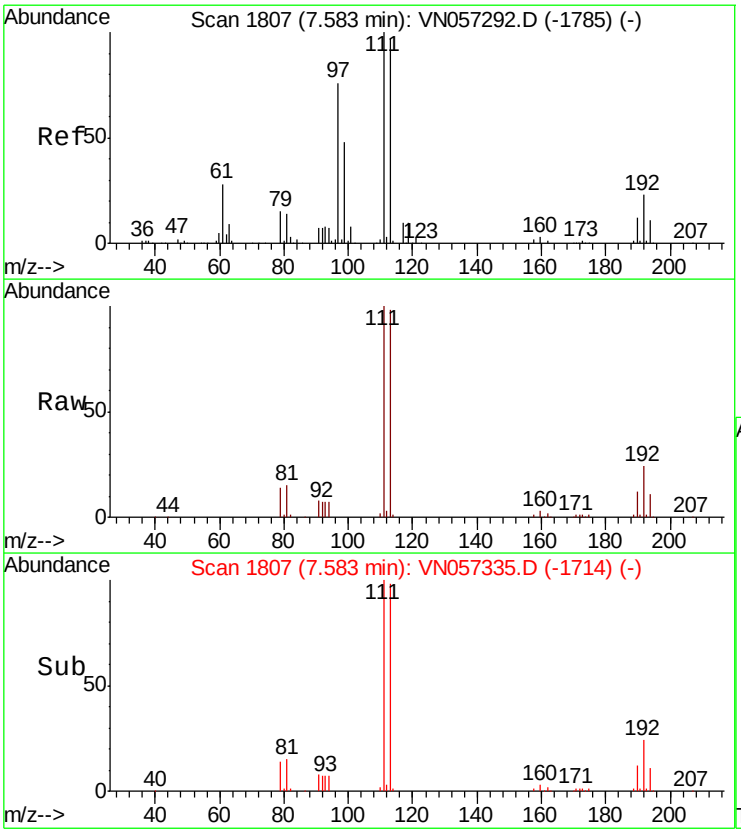

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2117
Delta R.T. 0.00 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

**Instrument :**
MSVOA_N
**ClientSampleId :**
REACTOR-3-G3-(2)

Tgt Ion:114 Resp: 1524674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.6 | 0.0 | 38.8 |
| 88 | 15.1 | 0.0 | 31.4 |

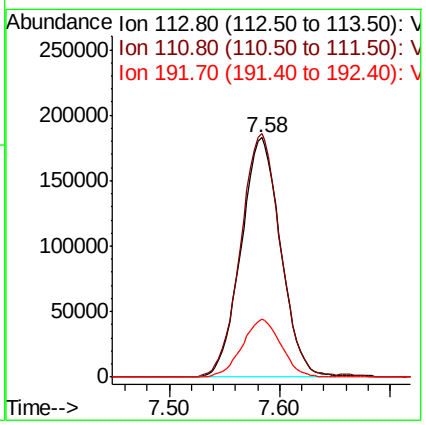


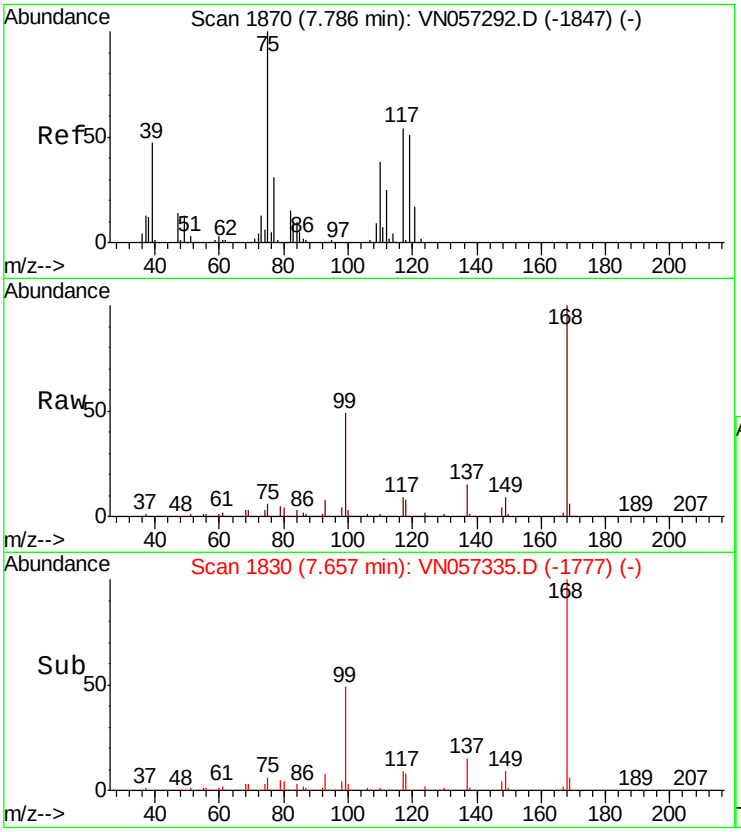




#35
Dibromofluoromethane
Concen: 45.566 ug/l
RT: 7.58 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

Tgt Ion:113 Resp: 455416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.2 | 82.1 | 123.1 |
| 192 | 23.8 | 19.3 | 28.9 |



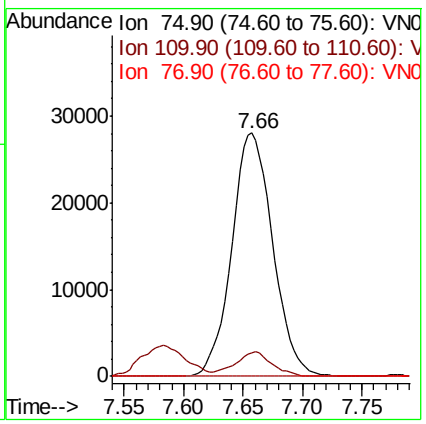


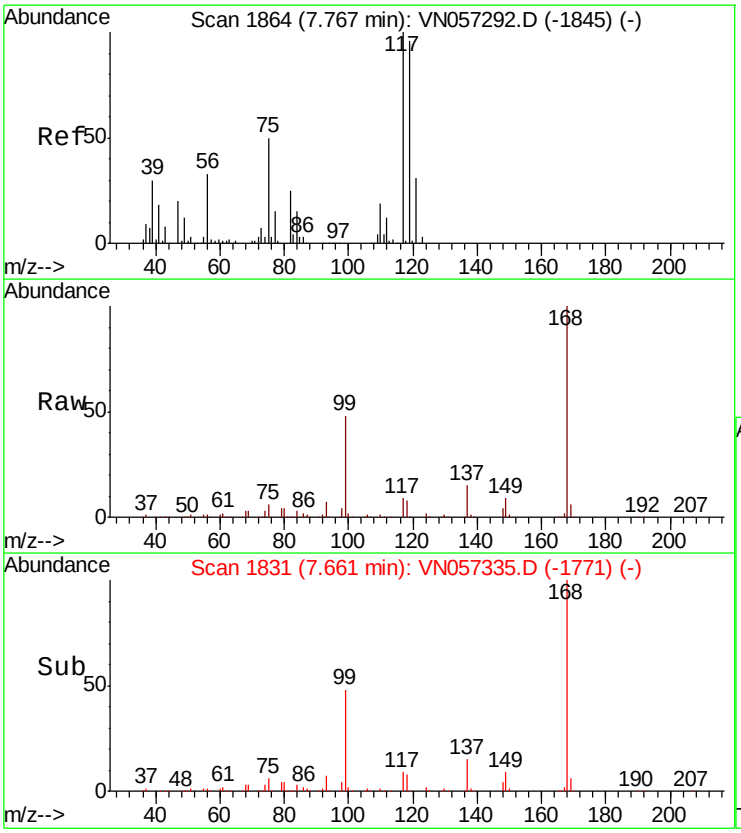

#36
1,1-Dichloropropene
Concen: 4.972 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. -0.13 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

**Instrument :**
MSVOA_N
**ClientSampleId :**
REACTOR-3-G3-(2)

Tgt Ion: 75 Resp: 66936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.0 | 19.5 | 58.5# |
| 77 | 0.0 | 25.0 | 37.6# |

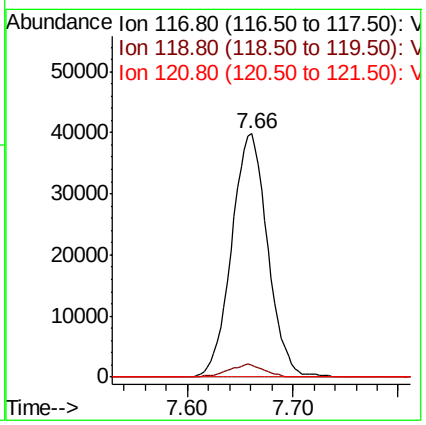


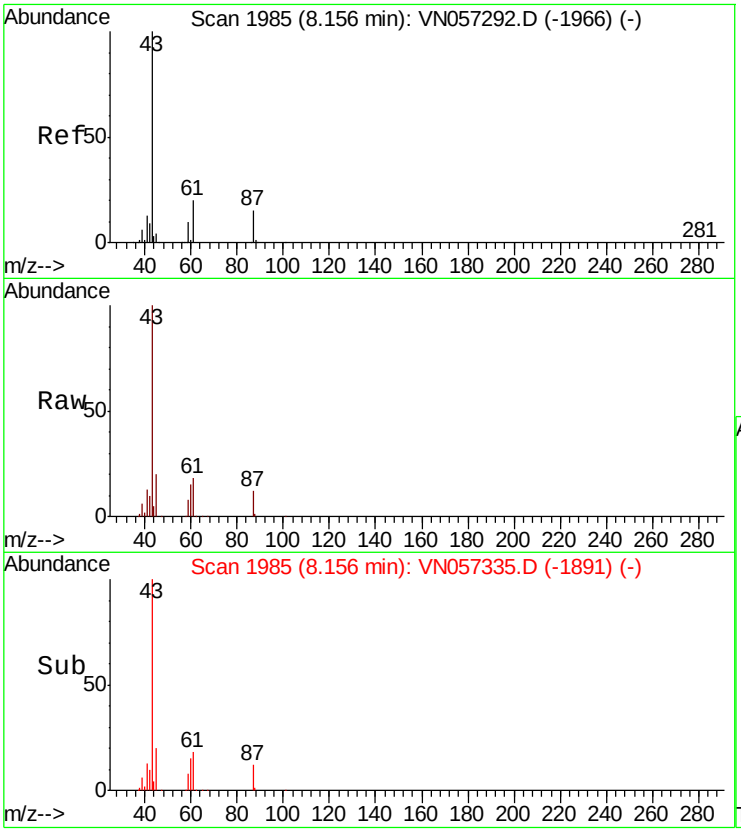




#38
Carbon Tetrachloride
Concen: 6.746 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

Tgt Ion:117 Resp: 94352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 4.9 | 76.8 | 115.2# |
| 121 | 0.0 | 25.0 | 37.4# |



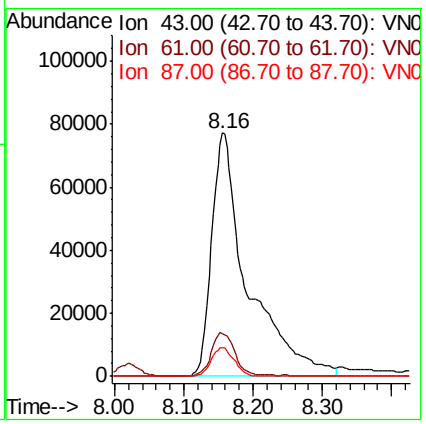


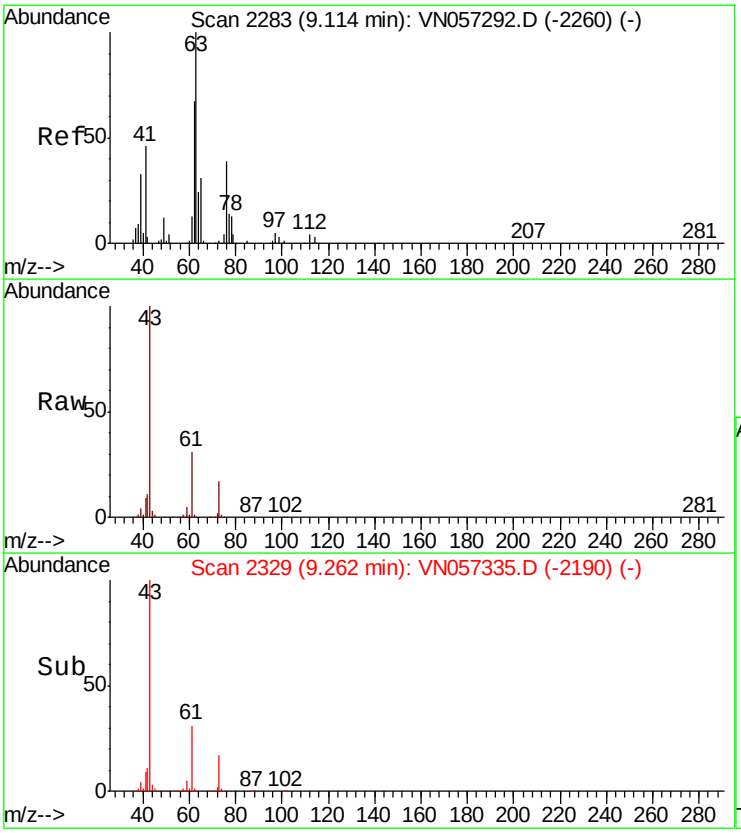

#43
Isopropyl Acetate
Concen: 12.981 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

**Instrument :**
MSVOA_N
**ClientSampleId :**
REACTOR-3-G3-(2)

Tgt Ion: 43 Resp: 278582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 12.0 | 21.6 | 32.4# |
| 87 | 7.4 | 11.4 | 17.0# |

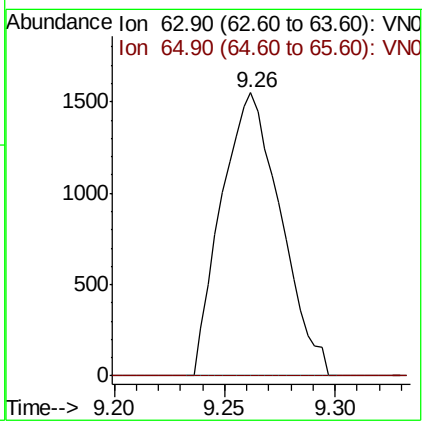


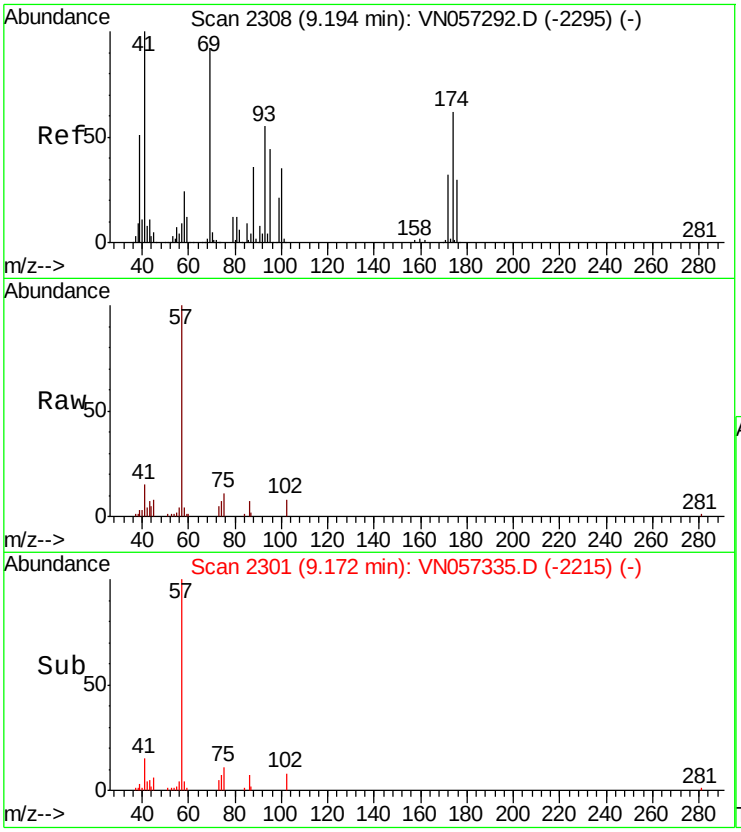




#45
1,2-Dichloropropane
Concen: 0.272 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.15 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

Tgt Ion: 63 Resp: 2887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 0.0 | 24.8 | 37.2# |



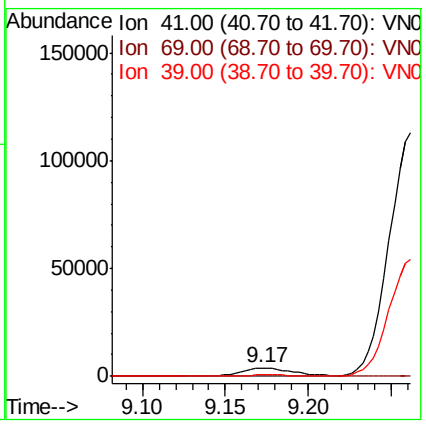


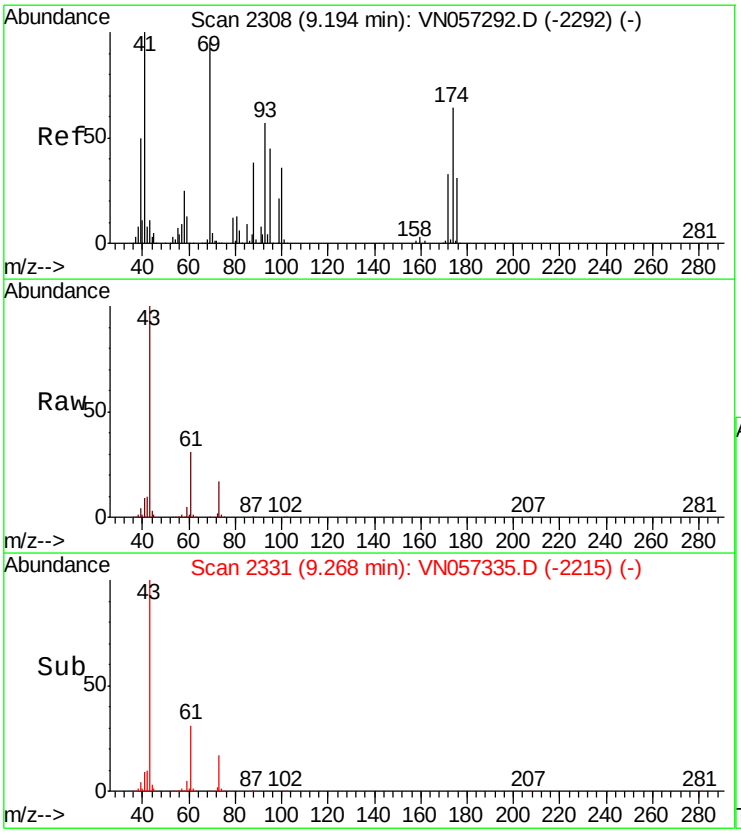

#48
Methyl methacrylate
Concen: 0.929 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

**Instrument :**
MSVOA_N
**ClientSampleId :**
REACTOR-3-G3-(2)

Tgt Ion: 41 Resp: 8433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 0.0 | 75.9 | 113.9# |
| 39 | 0.0 | 42.3 | 63.5# |

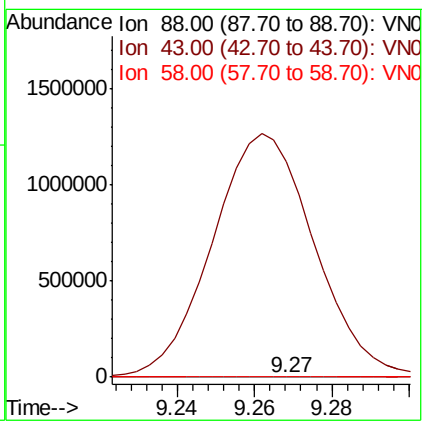


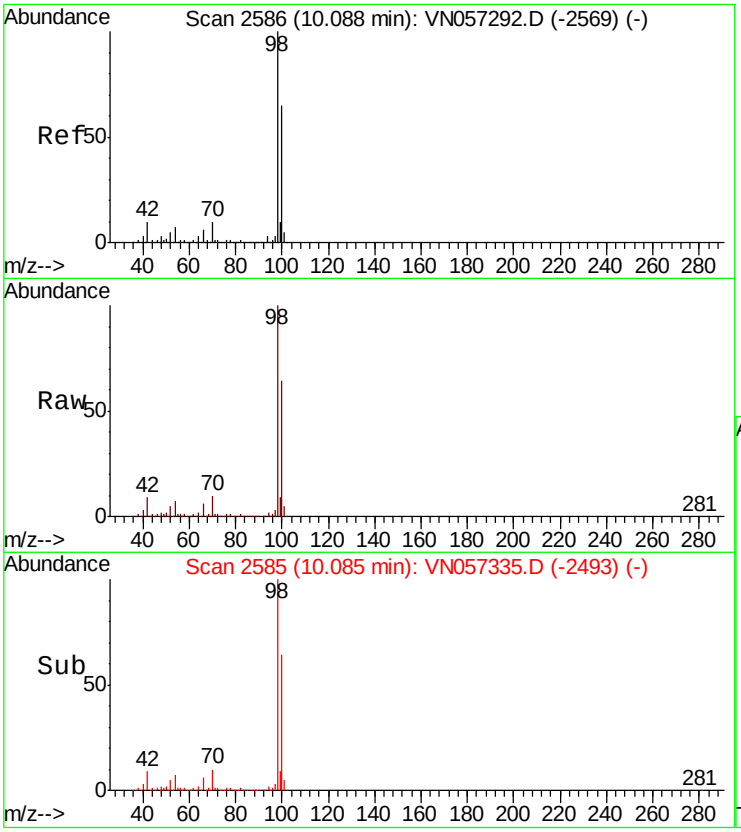




#49
1,4-Dioxane
Concen: 2.393 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

Tgt Ion: 88 Resp: 457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 513895.4 | 22.9 | 34.3# |
| 58 | 2302.6 | 52.7 | 79.1# |



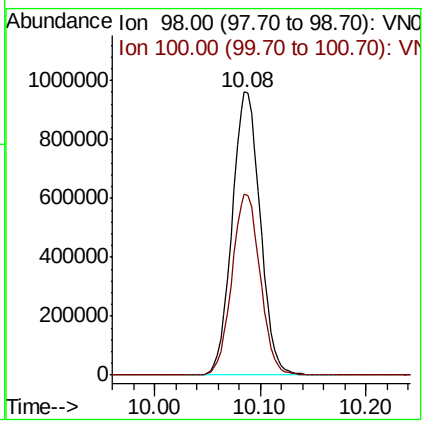


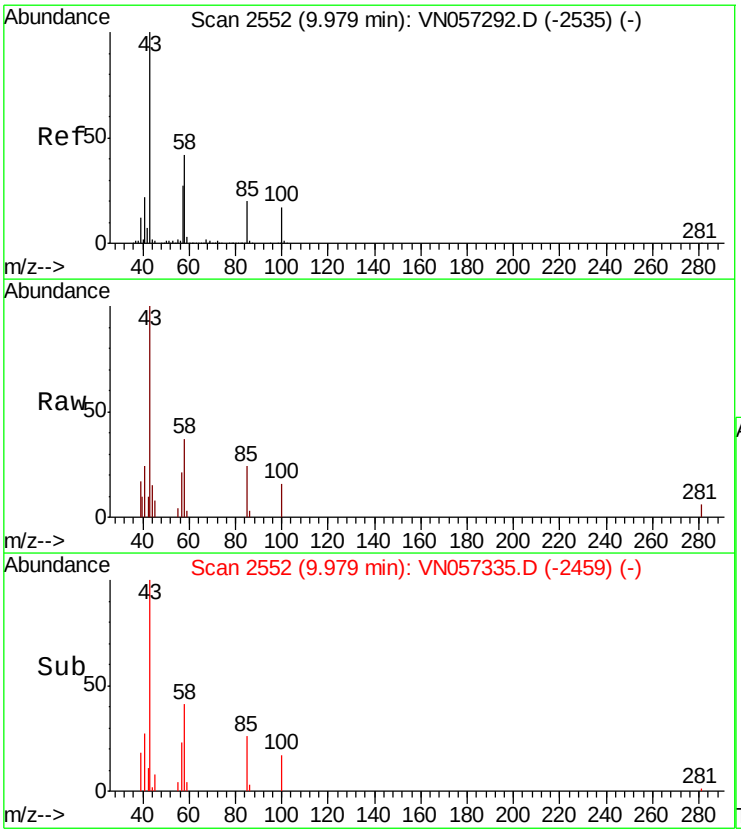

#50
Toluene-d8
Concen: 48.462 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

**Instrument :**
MSVOA_N
**ClientSampleId :**
REACTOR-3-G3-(2)

Tgt Ion: 98 Resp: 1771550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.2 | 51.9 | 77.9 |

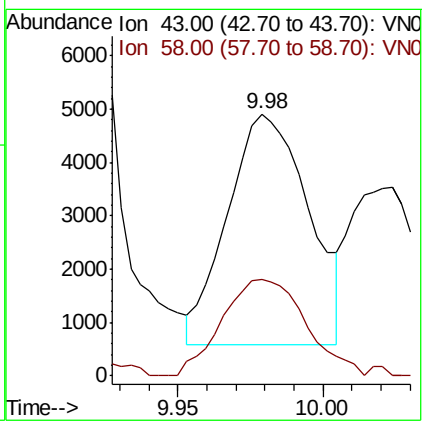


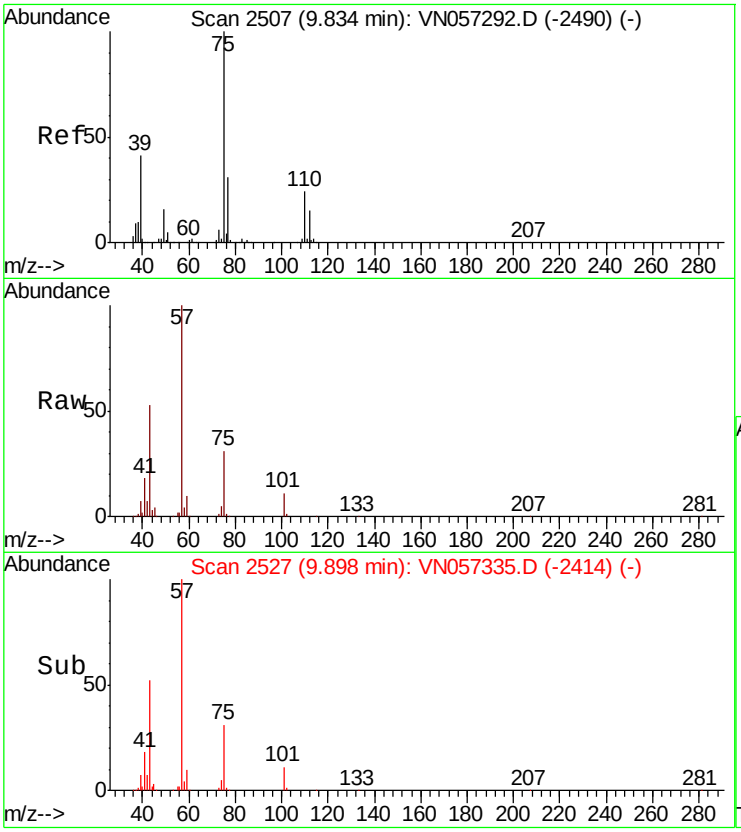




#51
4-Methyl-2-Pentanone
Concen: 0.740 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

Tgt Ion: 43 Resp: 8418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 43.1 | 33.2 | 49.8 |



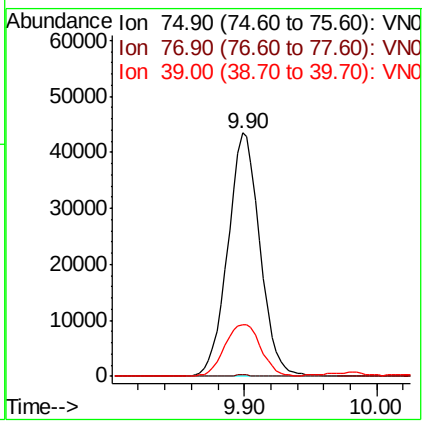


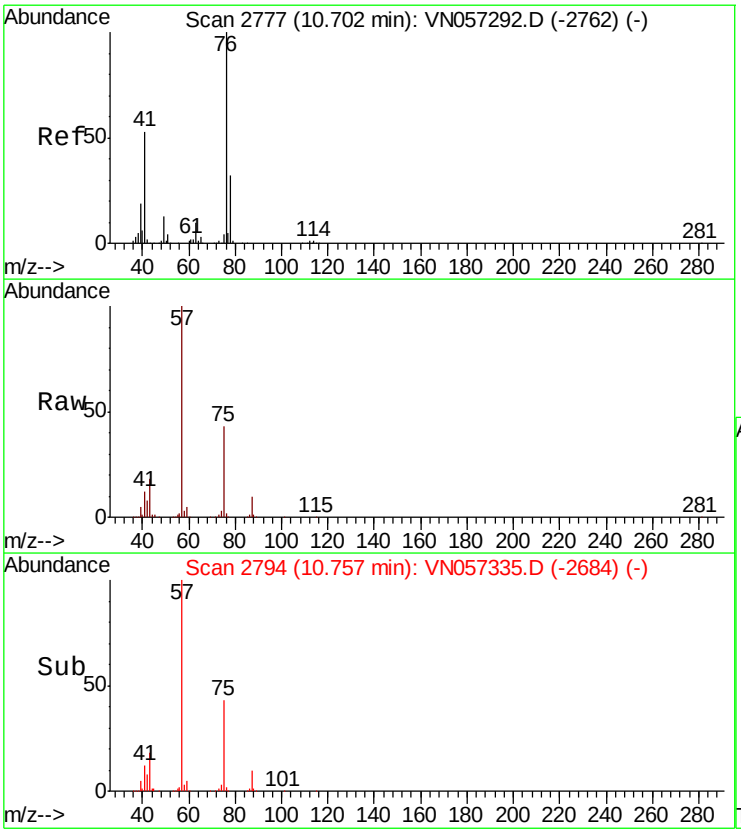

#54
cis-1,3-Dichloropropene
Concen: 4.367 ug/l
RT: 9.90 min Scan# 2527
Delta R.T. 0.06 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

**Instrument :**
MSVOA_N
**ClientSampleId :**
REACTOR-3-G3-(2)

Tgt Ion: 75 Resp: 73071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.7 | 24.9 | 37.3# |
| 39 | 21.3 | 32.7 | 49.1# |

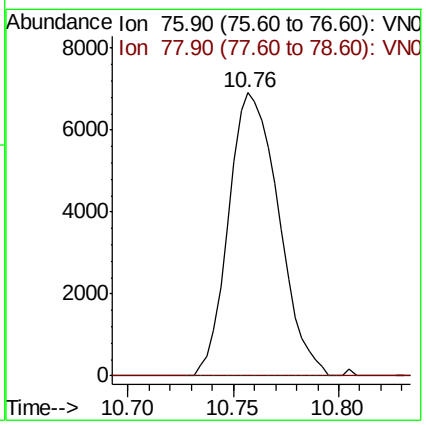


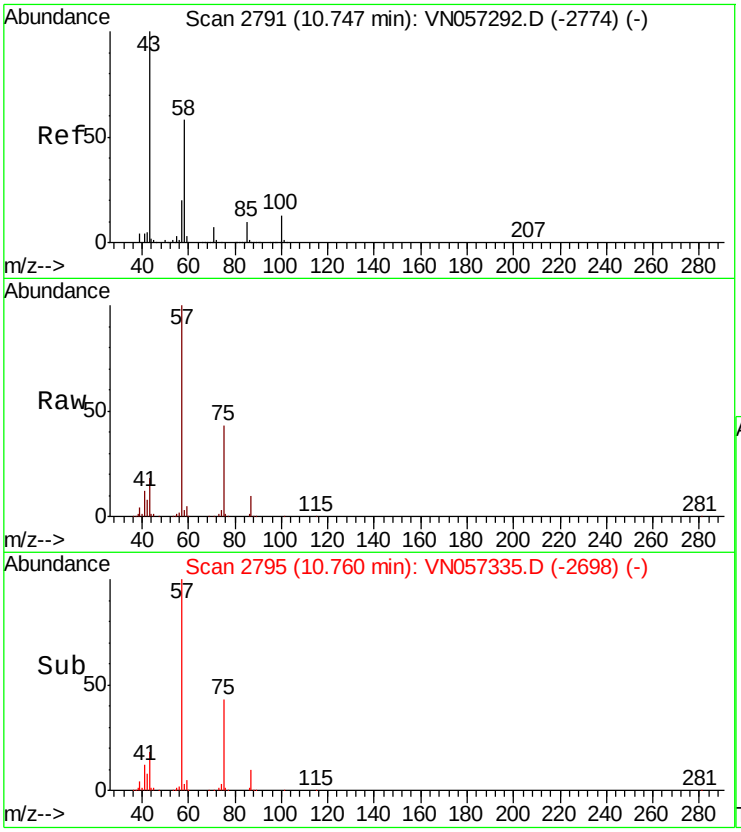




#57
1,3-Dichloropropane
Concen: 0.675 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.05 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

Tgt Ion: 76 Resp: 11358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 0.0 | 25.6 | 38.4# |



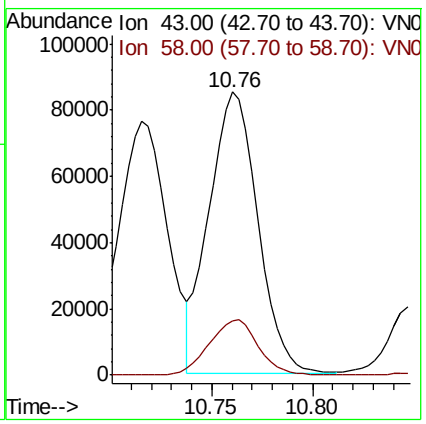


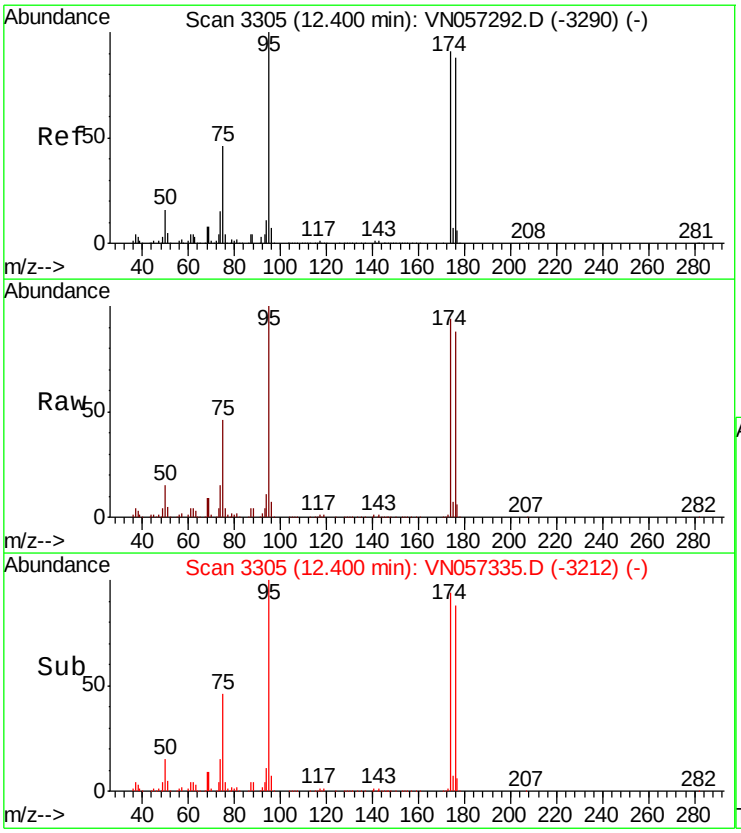

#59
2-Hexanone
Concen: 17.490 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

**Instrument :**
MSVOA_N
**ClientSampleId :**
REACTOR-3-G3-(2)

Tgt Ion: 43 Resp: 143027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 19.8 | 28.6 | 85.9# |

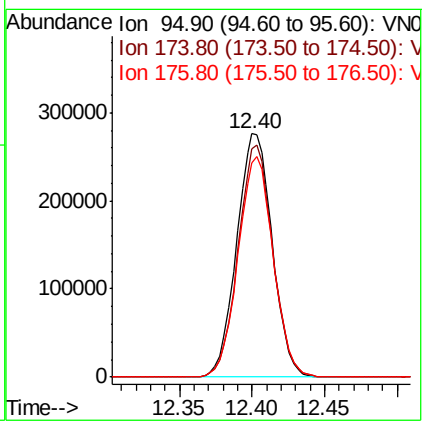


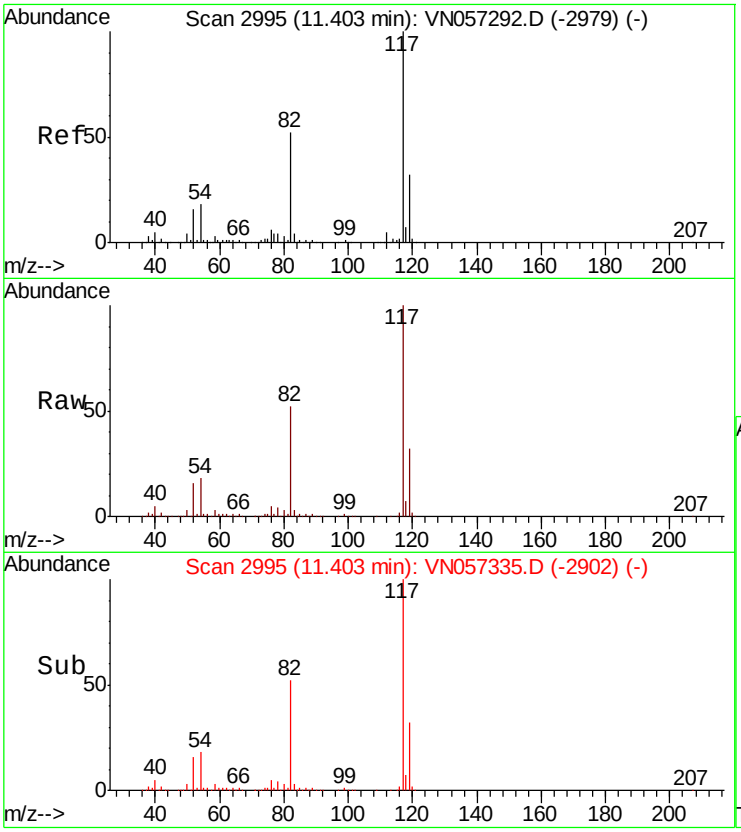




#62
4-Bromofluorobenzene
Concen: 36.295 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

Tgt Ion: 95 Resp: 468878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 93.1 | 0.0 | 185.0 |
| 176 | 89.9 | 0.0 | 181.0 |



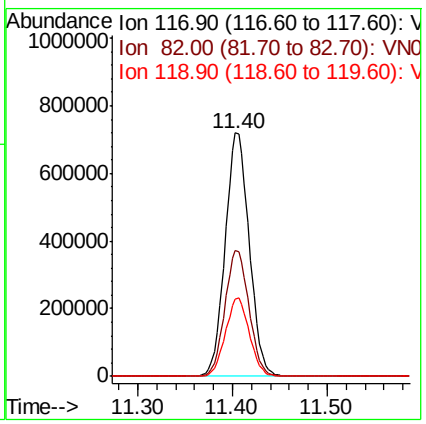


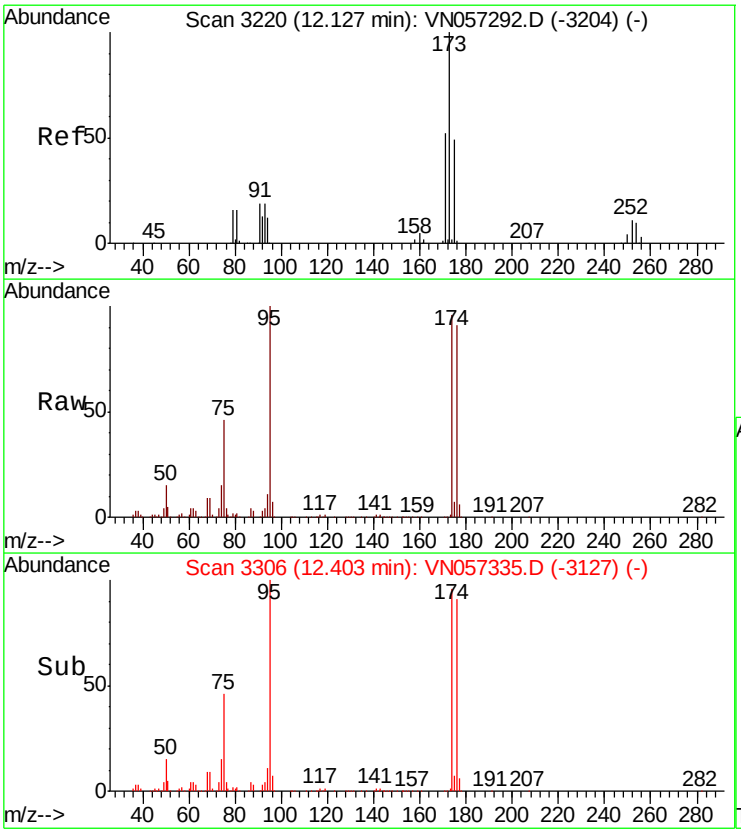

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

**Instrument :** MSVOA_N
**ClientSampleId :** REACTOR-3-G3-(2)

Tgt Ion:117 Resp: 1270217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 51.9 | 41.2 | 61.8 |
| 119 | 31.9 | 25.8 | 38.8 |

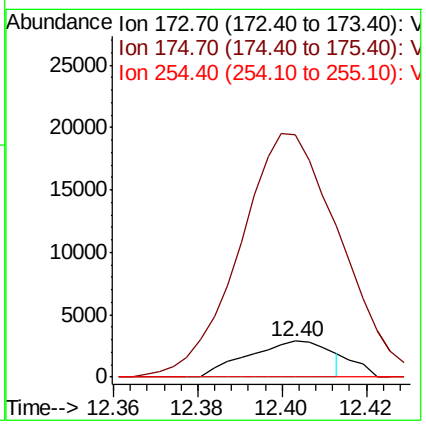


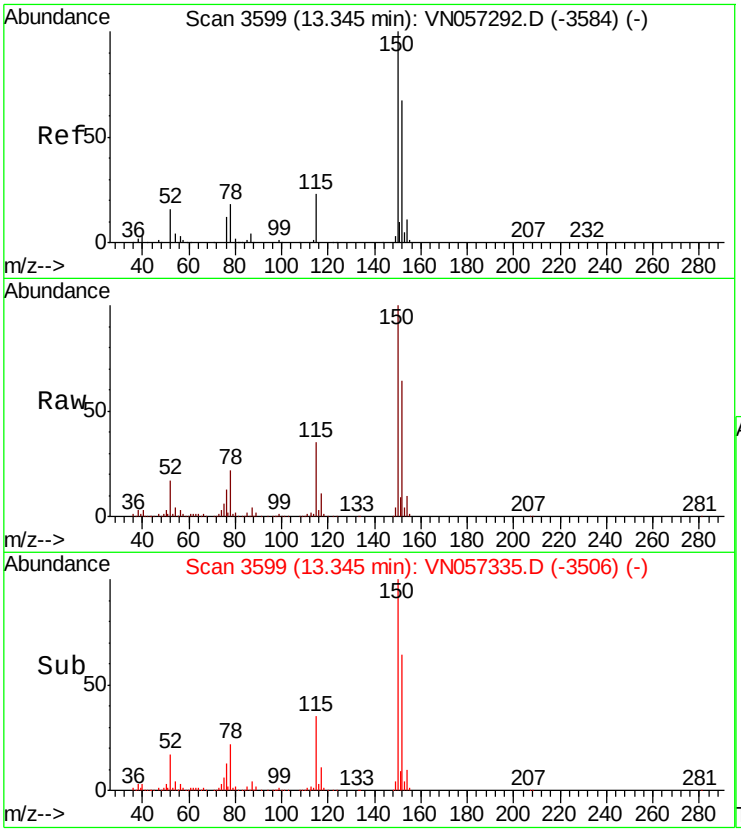




#71
Bromoform
Concen: 0.499 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

Tgt Ion:173 Resp: 3905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 713.9 | 24.2 | 72.6# |
| 254 | 0.0 | 0.2 | 0.2# |



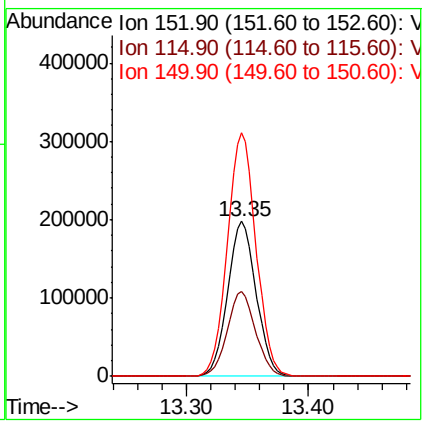


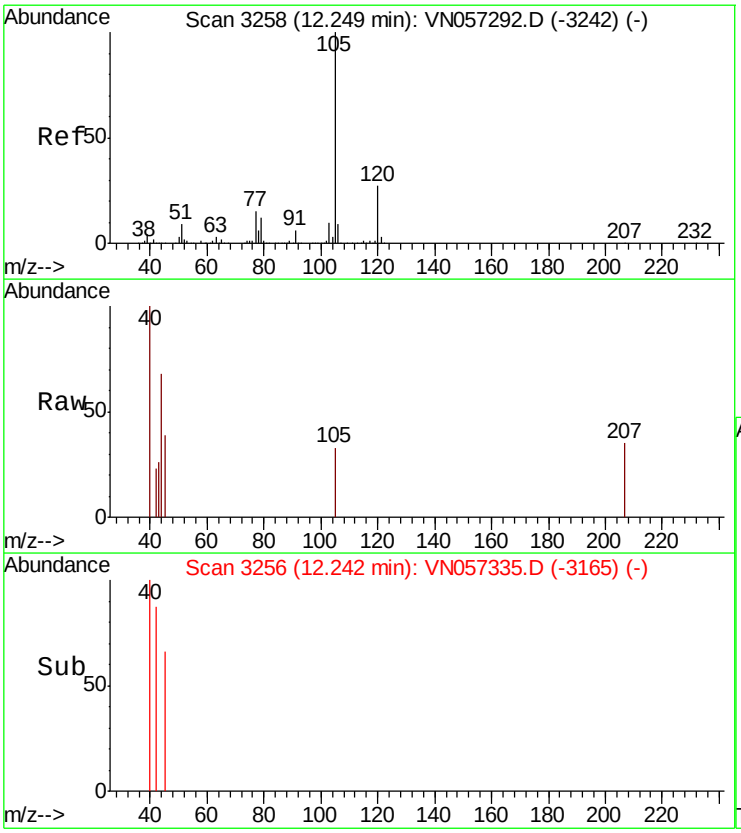

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

**Instrument :**
MSVOA_N
**ClientSampleId :**
REACTOR-3-G3-(2)

Tgt Ion:152 Resp: 320896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 54.5 | 27.3 | 81.9 |
| 150 | 158.0 | 0.0 | 344.4 |

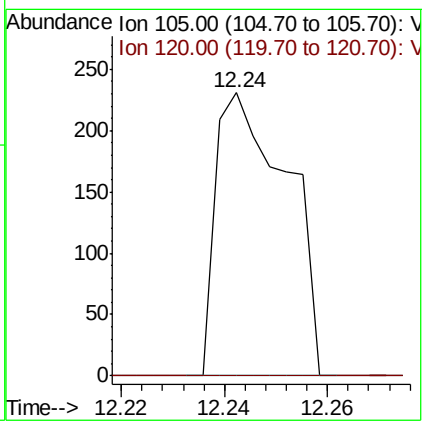


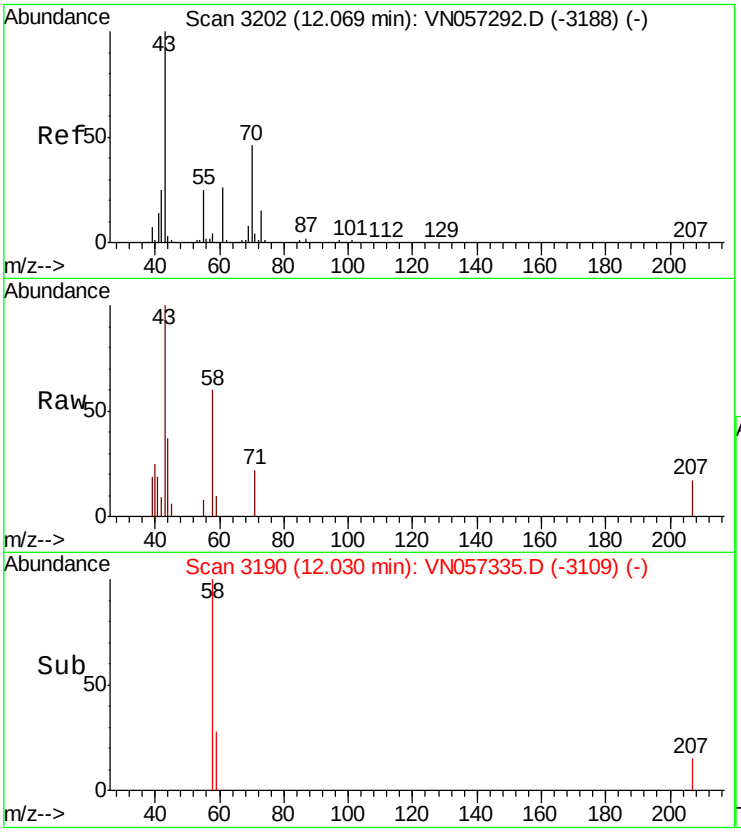




#73
Isopropylbenzene
Concen: Below Cal
RT: 12.24 min Scan# 3256
Delta R.T. -0.01 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

Tgt Ion:105 Resp: 219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 0.0 | 13.2 | 39.6# |



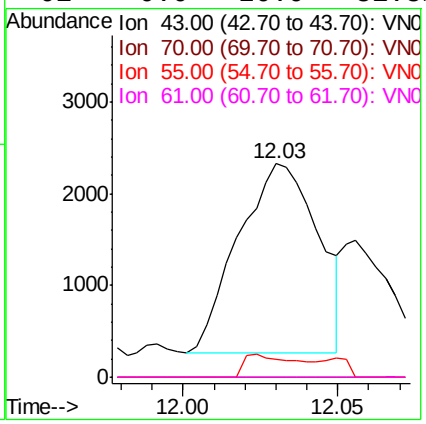


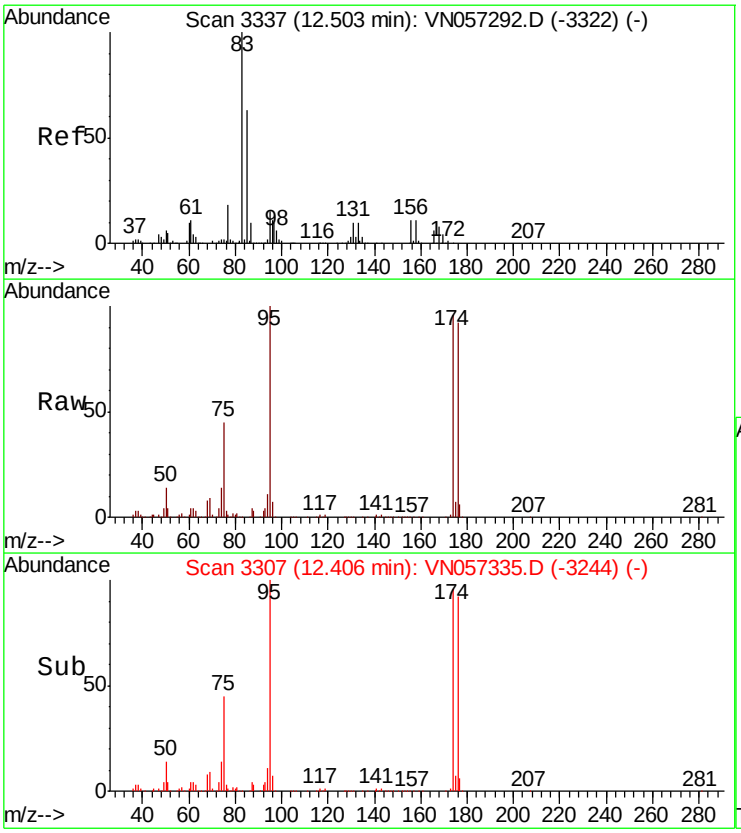

#74
N-amyl acetate
Concen: 0.396 ug/l
RT: 12.03 min Scan# 3190
Delta R.T. -0.04 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

**Instrument :** MSVOA_N
**ClientSampleId :** REACTOR-3-G3-(2)

Tgt Ion: 43 Resp: 3692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 0.0 | 36.2 | 54.2# |
| 55 | 8.3 | 20.1 | 30.1# |
| 61 | 0.0 | 20.9 | 31.3# |

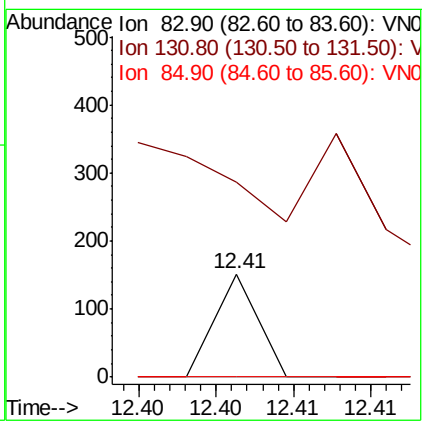


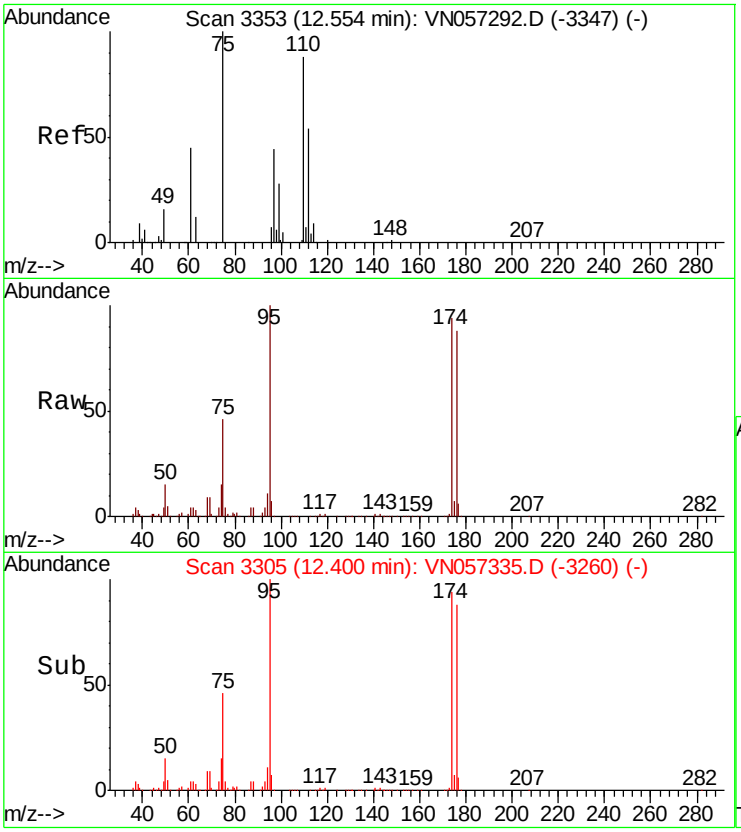




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.41 min Scan# 3307
Delta R.T. -0.10 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

Tgt Ion: 83 Resp: 29

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 0.0 | 5.4 | 16.2# |
| 85 | 0.0 | 32.3 | 96.9# |



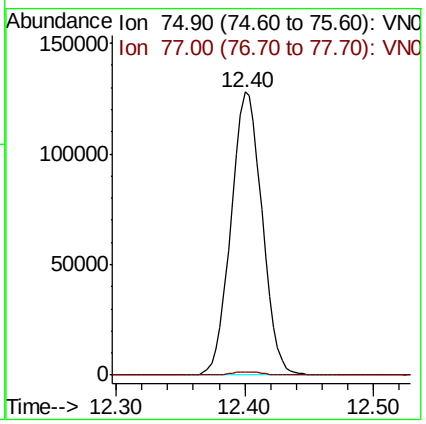


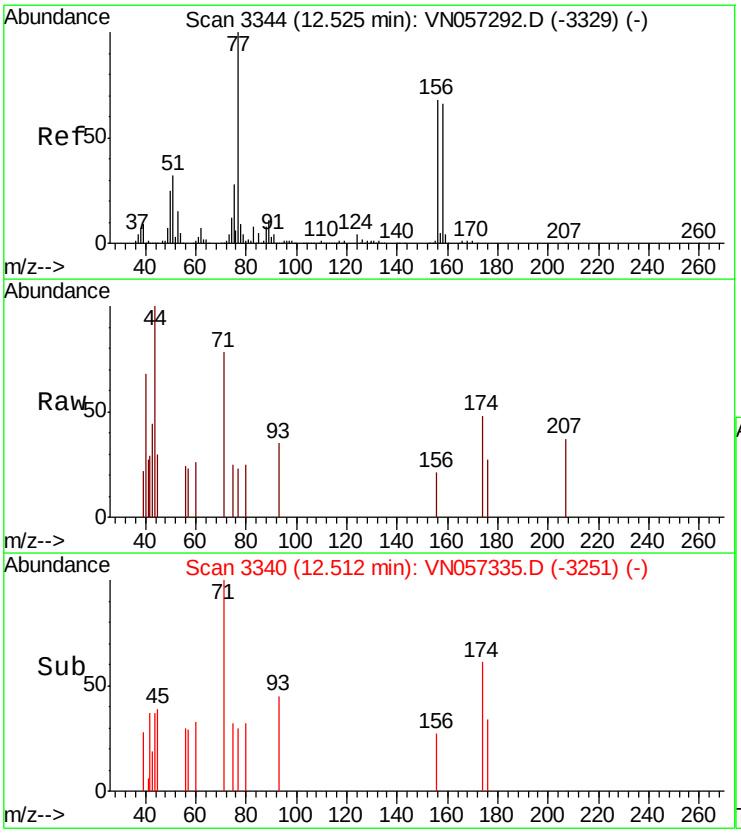

#76
1,2,3-Trichloropropane
Concen: 33.311 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

**Instrument :**
MSVOA_N
**ClientSampleId :**
REACTOR-3-G3-(2)

Tgt Ion: 75 Resp: 214410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.2 | 0.0 | 0.0# |

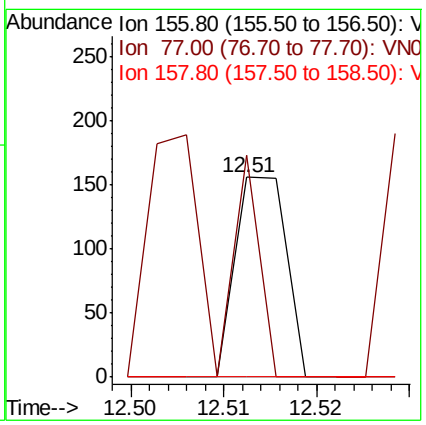


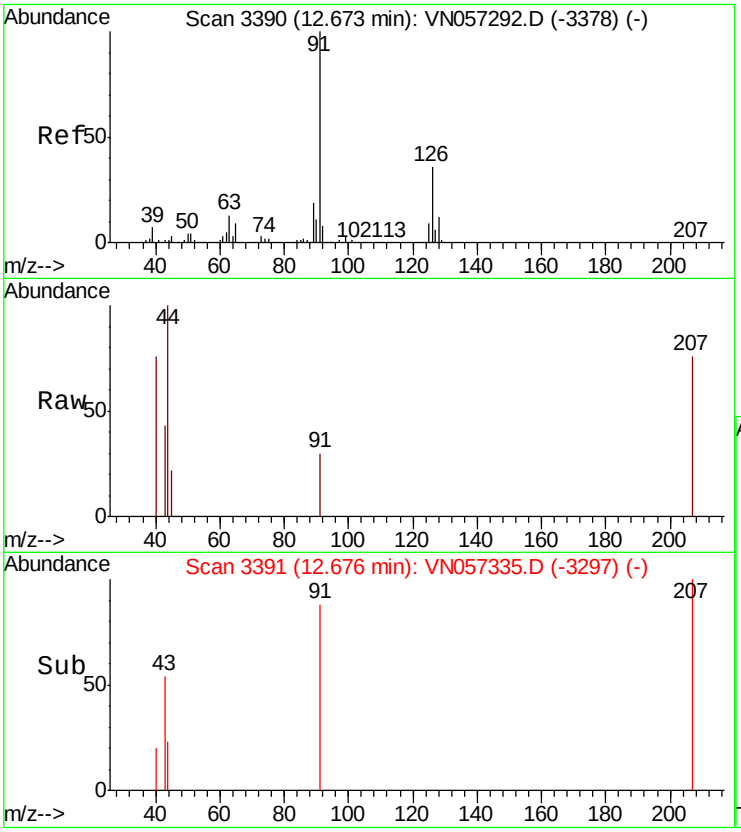




#77
Bromobenzene
Concen: Below Cal
RT: 12.51 min Scan# 3340
Delta R.T. -0.01 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

Tgt Ion:156 Resp: 60

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 175.0 | 89.8 | 269.6 |
| 158 | 0.0 | 49.3 | 147.8# |



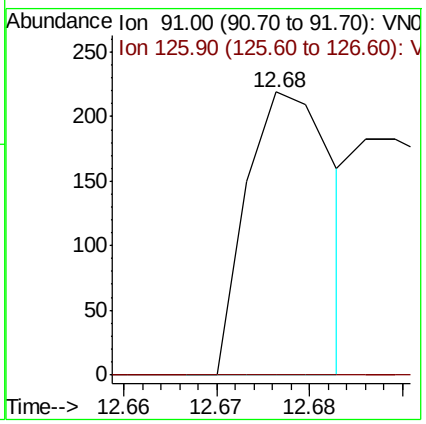


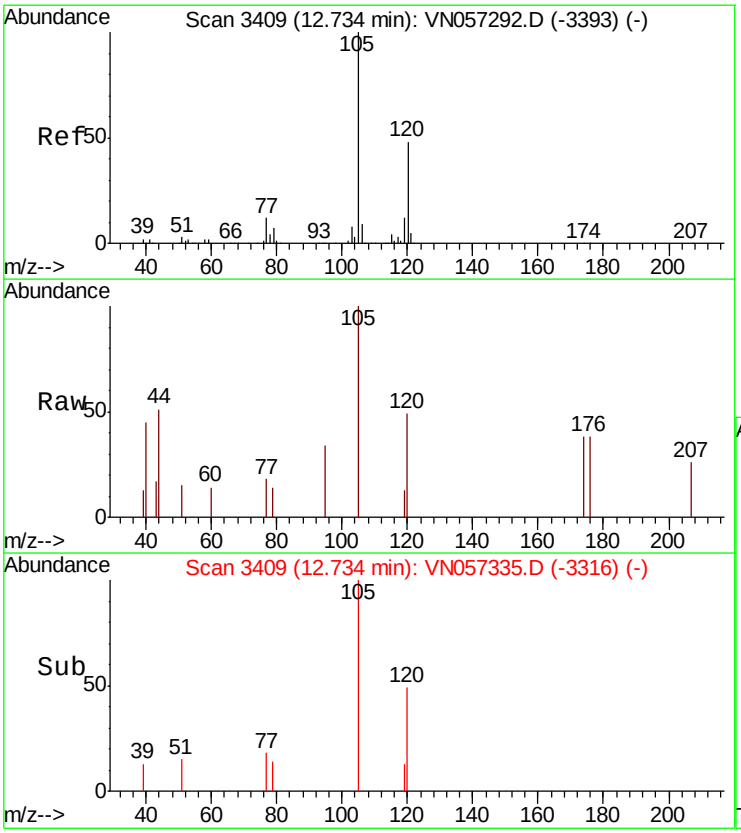

#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.68 min Scan# 3391
Delta R.T. 0.00 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

**Instrument :**
MSVOA_N
**ClientSampleId :**
REACTOR-3-G3-(2)

Tgt Ion: 91 Resp: 142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.0 | 18.1 | 54.1# |

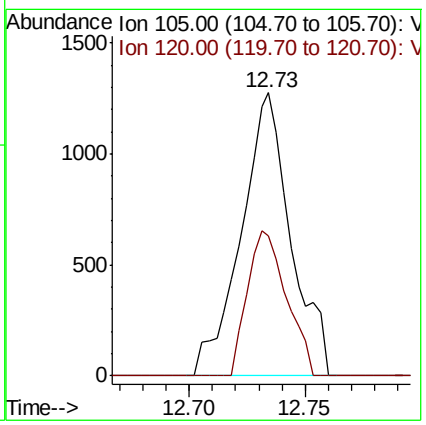


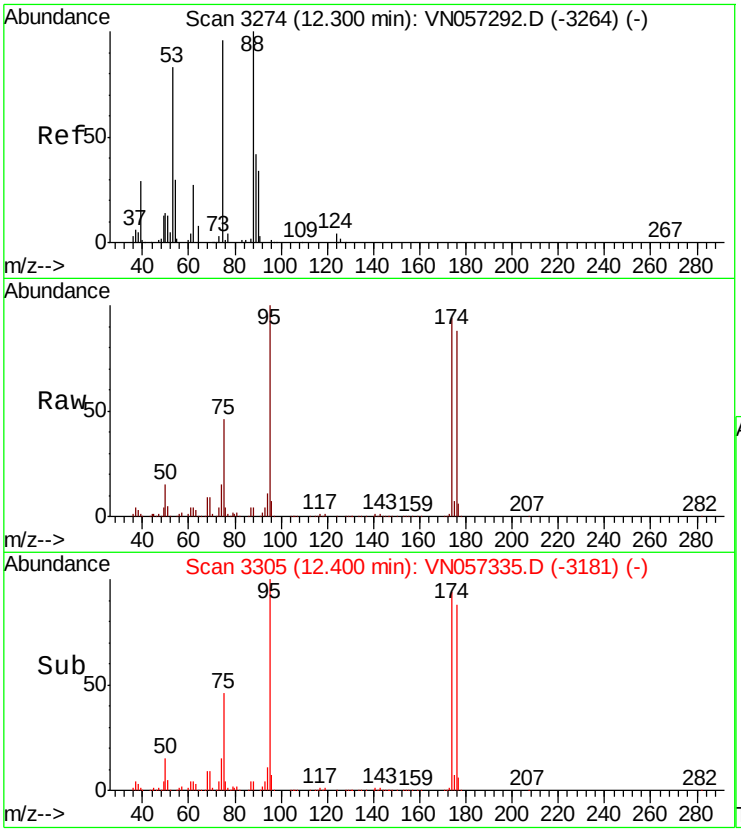




#80
1,3,5-Trimethylbenzene
Concen: Below Cal
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

Tgt Ion:105 Resp: 1901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 40.5 | 24.3 | 73.0 |



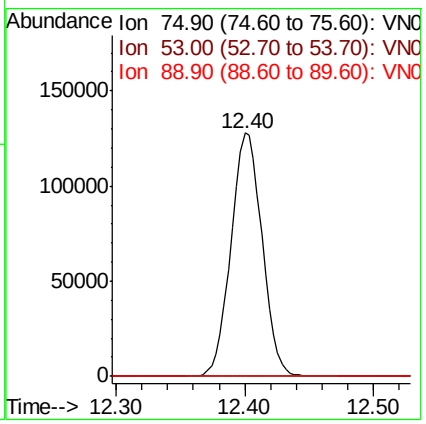


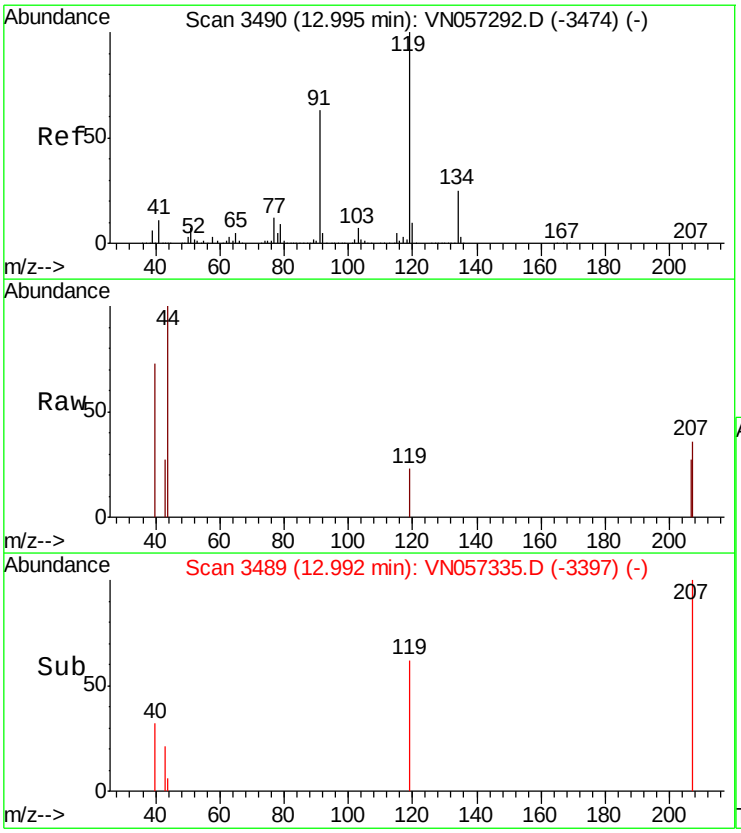

#81
trans-1,4-Dichloro-2-butene
Concen: 81.474 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

**Instrument :**
MSVOA_N
**ClientSampleId :**
REACTOR-3-G3-(2)

Tgt Ion: 75 Resp: 214410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 67.9 | 101.9# |
| 89 | 0.0 | 36.2 | 54.4# |

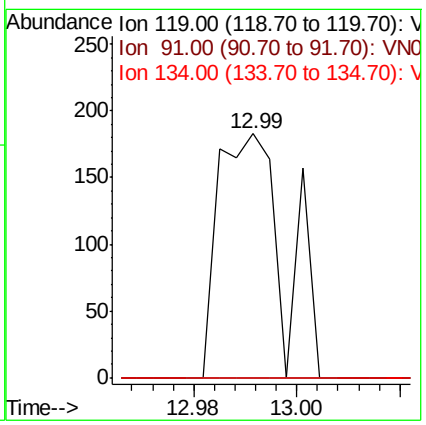


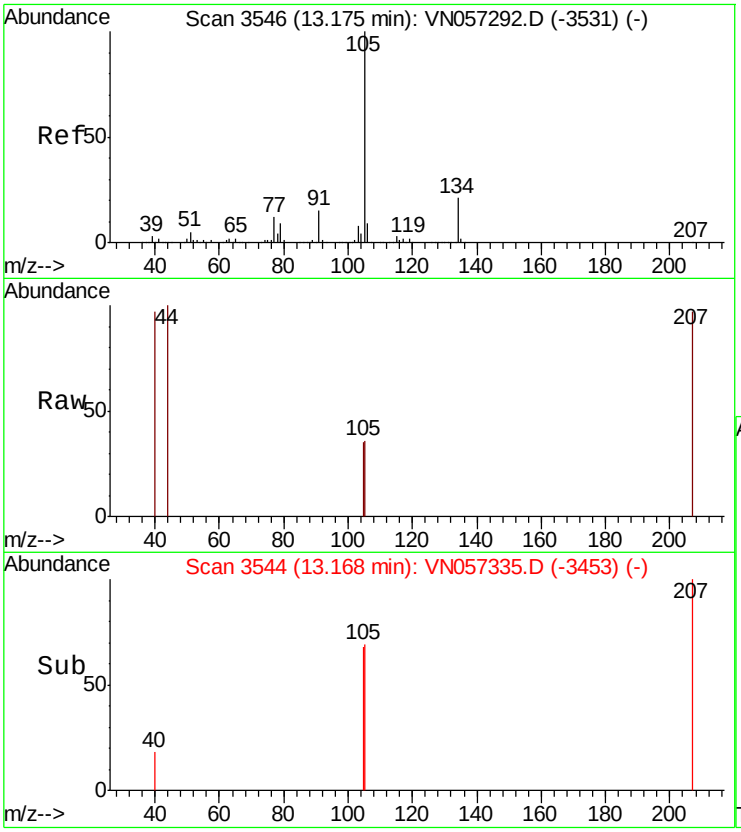




#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

Tgt Ion:119 Resp: 162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 0.0 | 31.3 | 93.8# |
| 134 | 0.0 | 13.1 | 39.1# |



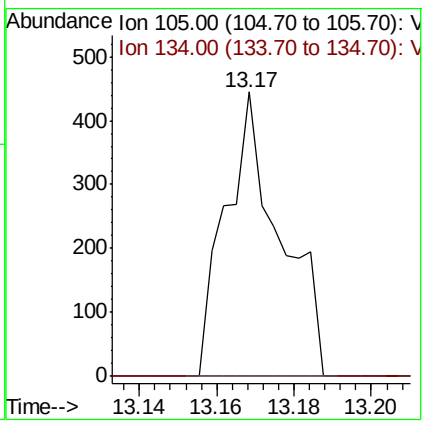


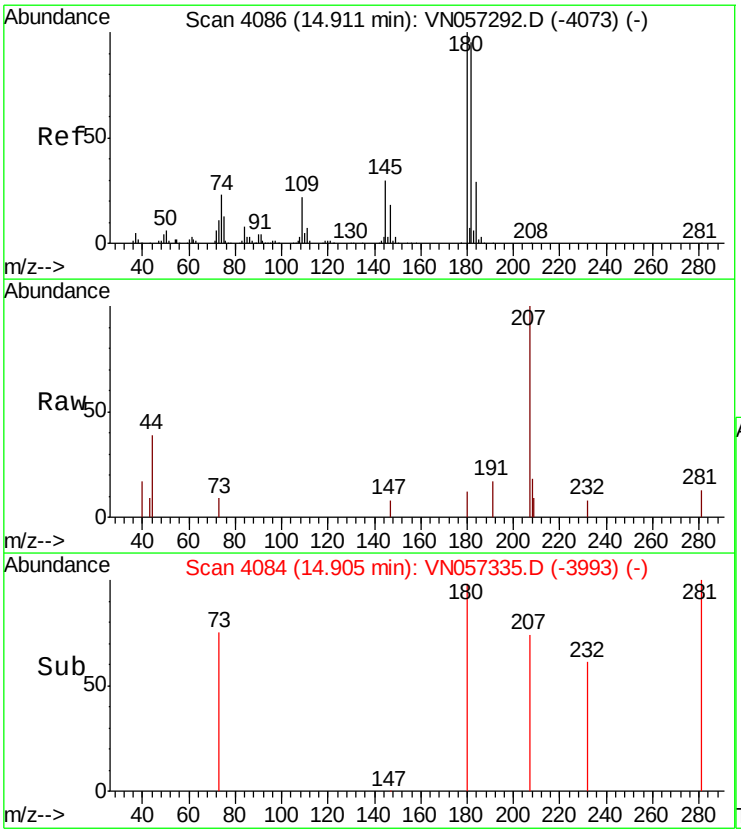

#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.17 min Scan# 3544
Delta R.T. -0.01 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

**Instrument :**
MSVOA_N
**ClientSampleId :**
REACTOR-3-G3-(2)

Tgt Ion:105 Resp: 433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 0.0 | 10.4 | 31.2# |

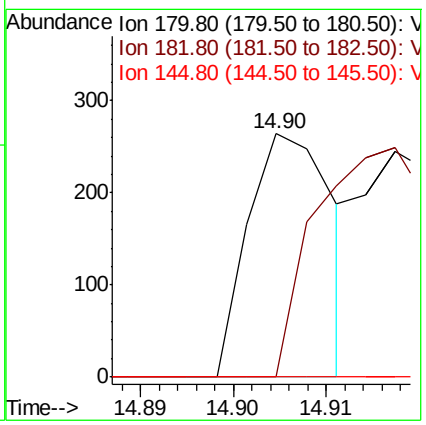


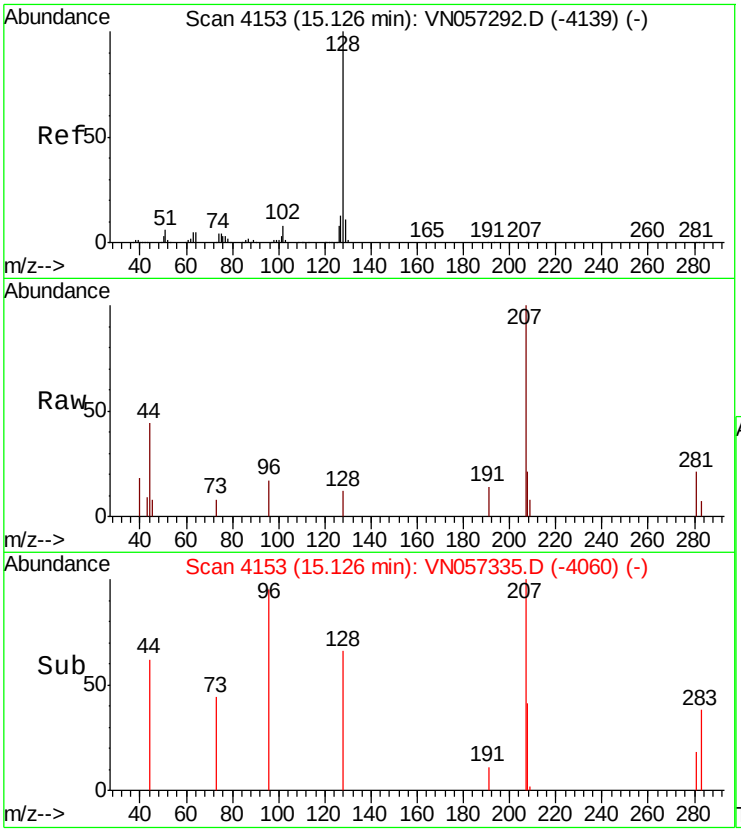




#93
1,2,4-Trichlorobenzene
Concen: 5.391 ug/l
RT: 14.90 min Scan# 4084
Delta R.T. -0.01 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

Tgt Ion:180 Resp: 167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 122.2 | 48.0 | 144.2 |
| 145 | 0.0 | 14.5 | 43.6# |



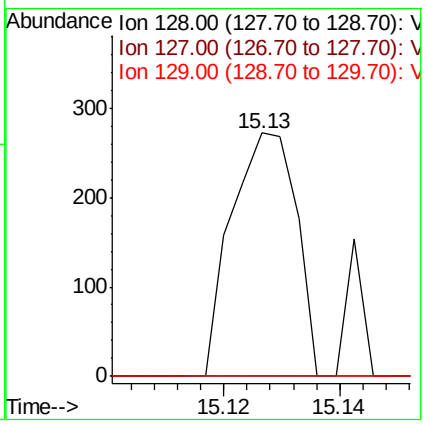


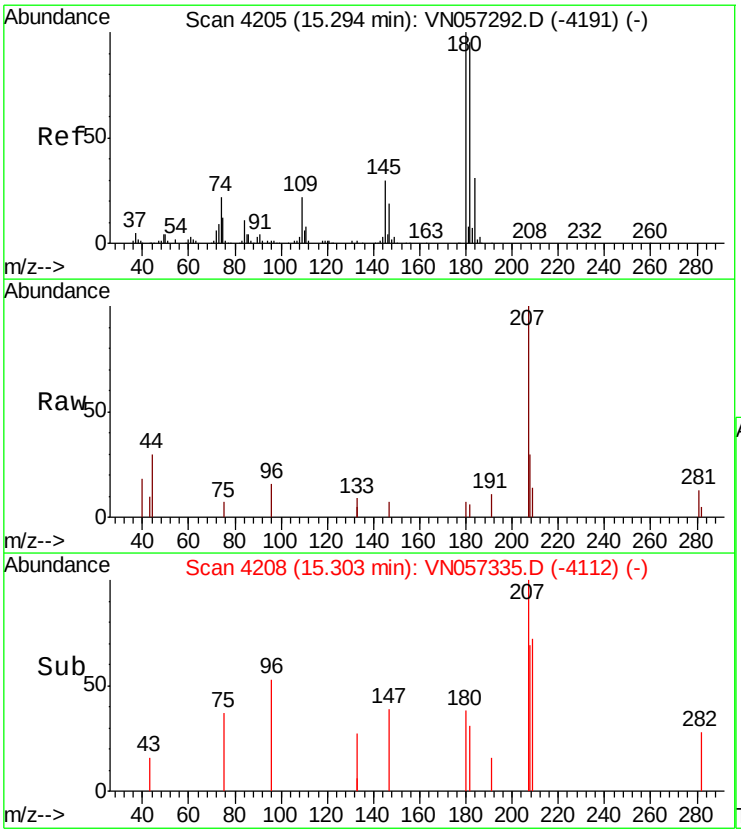

#95
Naphthalene
Concen: Below Cal
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

**Instrument :**
MSVOA_N
**ClientSampleId :**
REACTOR-3-G3-(2)

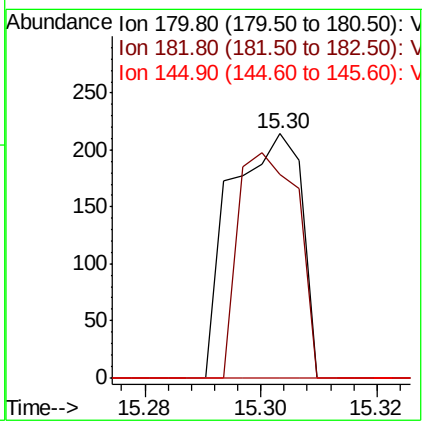
Tgt Ion:128 Resp: 210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 0.0 | 10.5 | 15.7# |
| 129 | 0.0 | 8.8 | 13.2# |




#96
1,2,3-Trichlorobenzene
Concen: Below Cal
RT: 15.30 min Scan# 4208
Delta R.T. 0.01 min
Lab File: VN057335.D
Acq: 15 Aug 2019 16:41

Tgt Ion:180 Resp: 182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 76.9 | 47.9 | 143.6 |
| 145 | 0.0 | 15.1 | 45.3# |